

TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

OCTOBER 7, 1941

ILLINOIS TECH MEN IN NAVAL RESERVE REPORT FOR DUTY

John Sauvage Stationed At Ordnance Depot

According to "everybody's friend" Sonny Weissman, the boys who graduated last year and entered naval training in the various schools of the United States Naval Reserve are doing a fine job of representing IIT.

Hank Sliwa, captain of the '41 basketball team, is still in training at Fort Schuyler in Washington, D.C., but will soon return to the Chicago area where he will work with the ordnance department.

Other men from the Illinois Institute of Technology who have completed training at Fort Schuyler in Washington and who are now ensigns in the United States Naval Reserve are Ed Magka, Charles Bigos and Zenon Prane.

Bill Krause, co-captain of '41 baseball team, has finished a course at Annapolis and is now on active duty at the Rhode Island Arsenal.

Armour Men at M.I.T.

Two Illinois boys, Ed Knorring and John Sauvage, have completed training at the Massachusetts Institute of Technology and are now stationed in the Washington Ordnance department.

After graduation last year, Ed Boarini left Chicago to join the naval reserve in Washington. When he received his commission papers, he was posted in Jacksonville, Florida.

Another IIT man who will be connected with the Chicago Ordnance department is Dick Nolte who is now in training at the University of Minnesota.

Walter Rusanowski is now finishing a course at the California Institute of Technology and as yet, has not been assigned to any certain area.

Pratt and Whitney Aircraft corporation trained Ed Mallek on engine motors in East Hartford, Connecticut. Ed passed through Chicago last Thursday and paid a visit to the school while on his way to an assignment in Corpus Christi, Texas.

WEST CAMPUS CLICKING



Seated (l. to r.) Senior class officers: Ann Anderson, sec-treas.; Steve Mendak, pres.; Florence Moss, vice-pres. Standing (l. to r.) Sylvia Weislo, activities chairman and Bob Meyer, Student Council president. Violet Tukich, president of the Pan-Hellenic council, pours at annual freshman tea.

Staff Photo by Reiser

AIEE Meeting This Friday At 10 A.M.

Electrical engineers will turn on the juice this Friday at the first meeting of the school year of the American Institute of Electrical Engineers.

Professor Ernest Freeman will talk to the gathering on the value of participation in the AIEE.

The meeting will be held Friday at 10 in Room U2W of the Student Union building.

DR. JESSE HOBSON, PLACED IN CHARGE OF ELECTRICALS

After 5 years experience in the industrial field of electrical engineering Dr. Jesse E. Hobson has returned to Armour college of engineering as head of the electrical engineering department.

In 1936 he was an instructor in the department of electrical engineering. After receiving his B.S. and M.S. degrees at Purdue university. Professor Hobson studied for his doctor's degree at California Institute of Technology. For the five year period prior to 1941 he was associated with Westinghouse Electric. As head of the central engineering station his duties were the management of production and control of power transmission for the large district located just northwest of Chicago.

Dr. W. A. Edson, previously with the Illinois Bell Telephone Laboratories, has been assigned to teach sophomore and junior courses in electrical engineering.

Harvard university has had the privilege of having Dr. Sarbacher, formerly assistant professor of electrical engineering at IIT, teach a course in electronics for the purpose of training men for the United States Army Signal Corps.

The building of an electronics laboratory is imminent. More complete plans for the expansion of the electrical engineering curriculum will be announced in about a month.

SCHOLARSHIPS TOTALING \$18,900 PRESENTED BY ILLINOIS TECH

Fifty-five students received awards totaling approximately \$34,000 for the school year of 1941-42, announced H. T. Heald, president of Illinois Institute of Technology.

Twenty-seven of these awards, to the sum of \$18,900, went to men engaged in graduate study, such as teaching assistants, fellows or scholars. The remainder was

shared by nineteen Armour division, and nine Lewis division winners of scholarships from high schools and junior colleges chiefly in the Chicago area.

Appointments of eleven half-time teaching assistants, working for higher degrees, with average individual awards of \$850, are as follows:

Chemical engineering, Nathan Muller, Louisville, Kentucky; Warren L. Plunkett, Lynchburg, Va.; chemistry, LeRoy Bromley, Napa, Calif.; Robert W. Rasmusen, Kingsville, Texas; civil engineering, Stefan J. Fraenkel, Omaha, Neb.; electrical engineering, Waldemar Shapira, Chicago; mechanical engineering, Jerome Balter, Bronx, New York City; Ernest G. Chilton, Pasadena, Calif.; Lee Van Cunningham, Jr., Shreveport, La.

Physics David B. Dekker, Glendale, Calif.; mathematics, Albert L. Latter, Pasadena, Calif.

Appointments of eight third-time teaching assistants working for higher degrees were as follows: Chemical engineering, Frank W. Smith, Prospect Park, Pennsylvania; Carl Bisesi, New York City; chemistry, Irving S. Goldstein, Monticello, N. Y.; Robert Saunders, Whiting, Ind.; civil engineering, Herbert Gray, Anton, Texas; Paul F. Rice, Solen, N.D.; electrical engineering, John Sukup, Milwaukee, Wis.; physics, Marvin H. Wilkening, Oak Ridge, Mo.

Appointment of six fellows working for higher degrees is as follows: Chemistry, Harold Pokras, Hollywood, Calif.; Theodore Sobel, New York City; civil engineering, Clytus L. Parris, San Benito, Texas; Elia Sternberg, Trenton, N.J.; mathematics, Frank Lane, Mountainair, N.M.; Sherwin Chase, Chicago.

Appointment of two scholars working for higher degrees is as follows: Architecture, Derald West, Chicago; chemical engineering, James Waber, Chicago.

Eight fire protection engineers (continued on page two)

Ruth Cowan Clouse Engaged As Head

Dr. Ruth Cowan Clouse, nutrition expert formerly associated with the council of food and nutrition of the American Medical Association, has been appointed professor of nutrition and chairman of the home economics department of IIT.

The home economics department has been greatly expanded to include the applied arts course and the administration of the Lewis cafeteria.

Re-organization of the system formerly used in the Lewis cafeteria began Wednesday, October 1. Mrs. Lola Janis has been appointed to effect this re-organization which is under the supervision of Dr. Ruth Cowan Clouse, chairman of the home economics department.

Students in the home economics department, especially those interested in taking courses in hospital dietetics and institutional management, will be able to receive a more thorough understanding of the problems involved in the preparation and serving of large groups. The first hand information and experience gained will be a valuable source of information to those home ec'ers who will enter the field of restaurant management and hospital dietetics.

(continued on page two)

DEAN L. E. GRINTER ANNOUNCES GRAD SCHOOL COURSES

In line with Illinois Institute's progressive policy of expansion the graduate division has set a swift pace of building and extending its own student body, curricula, and staff. In fact, just four years ago there was no graduate student body. This year there is a total of four hundred students. It is significant that a large percentage of the new instructors and professors that the Institute recently gained from engineering industries and various colleges and universities have been appointed to teach graduate classes.

New Petroleum Course

A course in petroleum refining is proving to be a subject attracting many students. This new course, conducted by Professor Komarewski, offers the principles of manufacturing and process design of modern petroleum refining and hydrocarbon conversion systems.

Another new course that is proving to be a boon to the student body is the course in industrial electric drives and motor

(continued on page two)

IIT Placement Office Announces Record Demand For Engineers

National Defense has created an overwhelming demand for engineers. Accordingly, the placement department, headed by Prof. Schommer, is requesting five copies of each senior's record instead of three copies, as previously requested. Last year this office found itself without an adequate number of senior records. Three of the forms may be typed, while the other two must be lettered. New forms are being made up now and seniors will be notified when they are ready. No form will be accepted without a photograph attached. Seniors should order their photographs immediately. Size 2 1/2" x 2 1/2" photographs are essential.

Interviews Beginning Early

Indications are that interviewers will visit the campus early this year. Pratt and Whitney Aircraft corporation of East Hart-

ford, Conn., has contacted IIT for information regarding the fourth year men who will graduate in February. Giddings and Lewis Machine Tool company of Fond du Lac, Wisconsin has made a similar request. The Pennsylvania railroad will have its chief engineer of maintenance of way on the campus late in October. Among the other companies sending out representatives is the Goodyear Tire and Rubber company of Akron, Ohio.

Members of the placement office will appreciate it if the seniors will be prepared to complete their records, and that means having their photographs available, shortly after the forms come back from the printer. Mr. Schommer and Mrs. Carroll know from experience all the harrowing details of the stories that begin "I did not have time to get my photographs."

THIS WEEK AT IIT	
TUESDAY, OCTOBER 8	
Lambda Rush Tea, 3:30, art room	
Lewis Drama club meeting, 1-3, auditorium.	
WEDNESDAY, OCT. 9	
Mixed chorus, 3 p.m. Lewis Auditorium.	
Sigma Rush tea, 4 p.m.	
Dance club meeting, 5 p.m. Student Union auditorium.	
THURSDAY, OCT. 10	
Lewis Drama club meeting, 1-3, Auditorium	
FRIDAY, OCT. 11	
Open House meeting of "The Eye," 10:10 a.m. Clubrooms	
ASCE meeting, 10:10 a.m. 220 Chapin	
AIEE meeting, 10:10 a.m. U2W	
Meeting of touchball captains, 10:10 a.m.	
SATURDAY, OCT. 12	
Finals of golf tournament, 9 a.m. Southmoor golf course.	
MONDAY, OCT. 13	
Kappa Phi Delta Rush tea, 4 p.m.	
Lewis Student Council meeting, 4 p.m.	

MUSIC CLUB NEEDS NEW MEN TO AID IN ACTIVE SEASON

By Herman Tachau

Most active, and most important in the extra-curricular life at IIT are the musical clubs. They are composed of orchestra, glee club, and mixed chorus.

Oh gee, more properly known as Mr. Gordon Erickson, is our musical director. He is tearing his hair out in despair because the string section of the orchestra has shriveled to a mere nothing. Violinists and viola players are solicited as never before.

Every Tuesday from 5:10 to 6:30 p.m. the orchestra has a rehearsal, and tonight Mr. Erickson expects a group of violin players to help him out of this embarrassing deficiency.

Big Program

In spite of these difficulties Mr. Erickson has planned a very ambitious program for the coming school year. One of the biggest events will be a five-day trip of the musical clubs between semesters. This trip will take the musicians to Pontiac, Rockford, Peoria, and other places in the vicinity of Chicago.

Mixed Chorus

Tomorrow will be the first meeting of the mixed chorus in the Lewis auditorium at 3 p.m. This has been created in response to the demand of male singers at the Lewis campus. Last year Mr. Erickson organized the girls chorus at Lewis. This organization was very popular and blossomed into a magnificent group, constituting an integral part of the musical clubs.

Tenors Wanted

All students able to sing tenor are urged to join the glee club at Armour. The glee club meets every Thursday from 5:10 to 6:30 p.m. in the Armour auditorium. Our Mr. Erickson is going to get the cramps unless reinforcements come soon.

Scholarship—

(continued from page one)

ing scholarships, each for four years at \$300 value per year, have been given by Armour college. The winners have been chosen and will be announced later.

Armour college of engineering scholarships, each valued at \$300, went to ten high school students who are: Benjamin Borgerson, Schurz high; Leonard Chase, Lindblom high; Richard Christian, Lane Tech; Robert Dahl, Austin high; Robert Gnaedinger, Oak Park high; Charles Hall, Senn high; Richard Kelley, Harvard school for boys; Harold Kimball, Leo high; Ronald Lind, York community high; John Reed, Leo high.

Eight scholarships, each valued at \$229, for Lewis Institute of Arts and Sciences were awarded to students in the metropolitan district. They are: June Rachuy, Wright Junior college; Jeanette Peterson, Wright Junior college; Gloria Klouzar, Morton Junior college; Joseph Dalton, St. Mel high; Charles Marner, St. Mel high; Ann Mossner, Proviso township high; Virginia Pochelski, Schurz high; Viola Sievers, Schurz high.

Two special scholarships, announced at the same time, were given to Raymond H. Rickhoff of Crane Tech and Westly Ruthoff of Sullivan high. The first was awarded by the 15th Central Civic assembly and the second was given by Armour college at the request of the Citizens of Tomorrow program of the Chicago Tribune.

Radio Men Start Season

Dots and dashes will be flying right and left in the vicinity of the club rooms of the Armour Radio Club on Friday, October 10, at 12:20 p.m. as the first meeting of the season gets under way. The radio club is the Epsilon chapter of Rho Epsilon, radio engineering fraternity, and is located on the fourth floor of Chapin hall, north entrance (adjacent to the Technology News offices).

Students interested in radio are urged to attend, licensed amateur radio operators being especially welcome.

Modern Equipment

The club possesses a modern 500-watt radio telephone transmitter. The station was one of the most active college stations on 20 meter phone, 40 meter C.W., and 160 meter phone last year. Experimental work was also conducted on the ultra-high-frequencies.

Home Economics—

(continued from page one)

After receiving her bachelor's degree, Dr. Clouse was a teacher of home economics at the University of Arkansas (Fayetteville). In 1922 she was appointed assistant professor in the same subject at Michigan State college (East Lansing).

Dr. Clouse returned to the University of Chicago in 1927, becoming assistant to Dr. Blunt. The year before she held the Ellen H. Richards scholarship and was thus able to mix research and classroom activities.

Leaving Chicago, Dr. Clouse became associate professor of home economics at the University of Tennessee (Knoxville) in 1931. Four years later she began work for the American Medical association as nutrition consultant on the headquarters staff of the council on Food and Nutrition.

Dr. Clouse in outlining the policy of her department said that the standard of the American Dietetic association and other professional standard-making bodies will be met.

ASME DRIVE FOR MEMBERS OPENED

Ninety mechanical engineering students and professors gathered in science hall Friday, Oct. 3, at 10 o'clock and heard a select group of speakers open the membership drive of the Armour branch of the A.S.M.E. Student chairman Ralph Jahnke began the meeting by introducing Professor Yellott, chairman of the department of mechanical engineering. Professor Yellott was followed by three other speakers. A feature of the meeting was the awarding of door prizes to those in attendance.

Armour Branch Largest

Professor Yellott spoke upon the national scope of the ASME and emphasized its national character and standing. He said the ASME was originally founded for the purpose of disseminating knowledge of mechanics. Other advantages of membership which he pointed out were the opportunities for meeting influential men and making friends.

Grad School—

(continued from page one)

control taught by Dr. E. Schwarz-Kast. It appears that the students have been waiting for a course of this kind which specializes in correct motor construction, practical application, protective devices, and uses in cranes and diesel-electric drives.

A third new course, Raman spectra, is being taught by Professor Murray. The subject matter of the class is a discussion of the Raman effect and infra-red and ultra-violet absorption spectra. Both Professors Murray and Cleveland have done research work in this field for the past three years. During this time they have written approximately a dozen reports. Professor Cleveland also is instructor in the course of molecular structure. That large silver cylinder, which most of the students have viewed with wonder as they have passed the physics building, is to be an atom smasher which will be used in this course.

Important Notices!

ENGLISH THEMES

All students desirous of having their English themes and papers returned to them are requested to call for them at the English offices (3rd floor, 1st entrance Chapin) this week. Because the department is eliminating its file cabinets, all papers not called for will be destroyed.

NEW COURSES

Anyone interested in Beginning French or Advanced English should contact Dr. F. K. Richter at once in Room 307 Chapin.

WANTED!

If you own a plate camera and consider yourself a fairly good lensman, drop around to the Technology News offices Friday afternoon or evening. We've an interesting proposition for you.

REWARD!

to the finder of a black wallet, lost in the early part of last

week. Plenty of identification. Return to Art Minwegen in care of Registrar's office.

GOT IT! GET IT!

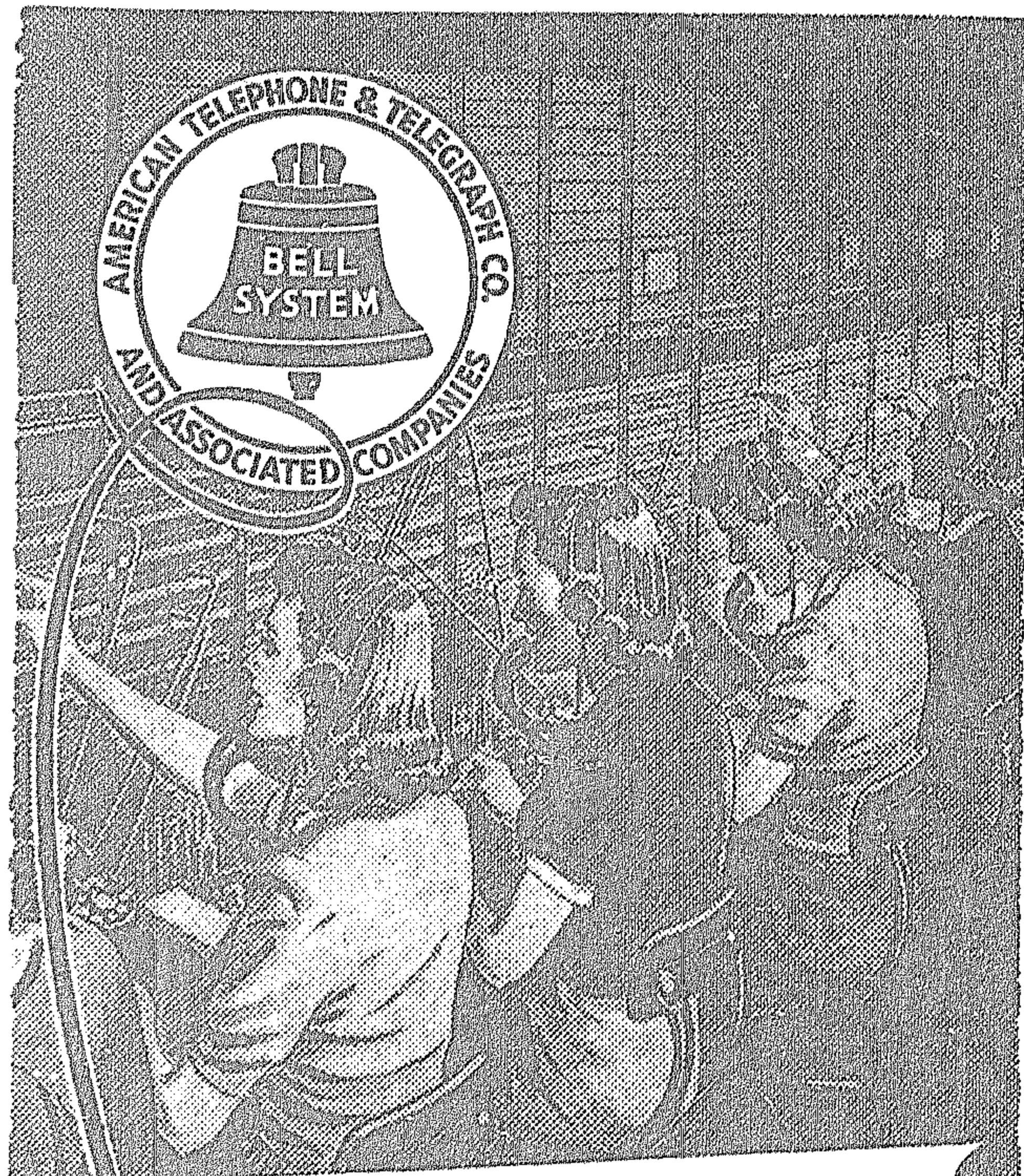
Athletic passes are now available at the business offices of both campuses. Give your registration number at these offices and you'll have free entry to all Illinois Tech athletic activities.

THE CALL OF THE VI(O)L

The Illinois Tech orchestra which meets every Thursday at 5 in the Student Union auditorium needs more violin players. Anyone able to play a violin please contact Mr. Erickson as soon as possible. The glee club meets Thursday at 5 and is in need of first and second tenors.

CONTRACT!

About ten days ago announcement was made that a section of P.S.S. 321 — Contracts and Specifications — will be offered at Armour this semester. The class meets Tuesday and Thursday Chapin 202 at 12:10. Additional students may enter this week.



for utmost service to the Nation

In these critical times, communications play a vital part in defense. Here is how the Bell System is organized to meet its great responsibility.

American Telephone and Telegraph Company coordinates all system activities, advises on telephone operation, searches for improved methods.

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Highly trained through many years of working together, these Bell System companies provide a nation-wide, unified service. Never have the benefits of this system been so clear as today when the country is under pressure.

NO SLIDE RULES FOR SALE!

The slide rule you would ordinarily buy this term has been drafted for National Defense. Sorry, it can't be helped. Although we have increased our production tremendously the Defense Program still absorbs more rules than we can make right now. But we are still increasing production. Within four months, your slide rule will be ready for you...

but we'll lend you one!

Meanwhile, we have found a way out. To meet this temporary emergency we have made a quantity of mass production slide rules that will tide you over until your standard rules are ready. These rules are not for sale. We will lend you one upon the deposit of One Dollar...and give you a full trade-in allowance when your standard rule is ready. No charge for wear and tear. Use this special rule with our compliments as long as the emergency lasts! Your campus bookstore has K&E "loaned-on-deposit" slide rules in stock for immediate delivery.

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VANDER MEY ELECTED PRES. SHUTTER FIENDS; SALON NEXT MONTH

Club's New Equipment On Exhibition

Equipment? Facilities? Activities?—Say, you haven't seen a thing until you get a look at "The Eye's" new quarters.

Ahead of other clubs, "The Eye" held its election Fri. Sept. 26. The photo-enthusiasts now have a flying start. Chosen to guide the destinies of the club for the forthcoming school year was Richard Vander Mey, M.E. '44. First official act of the newly elected president was to invite all students to come to the club rooms on the fourth floor of Chapin hall this Friday, Oct. 10, at 10 a.m. At that time the clubrooms will be open for inspection to anyone interested in photography.

Among the highlights of the last meeting was the unanimously adopted reduction in dues. Although the old fee of \$3 per semester was fully justified by the wonderful equipment which the club has, it was decided to lower the rate to \$2 per semester. Henry Hermanovich, who was elected treasurer will take care of the financial arrangements.

A very fine Super Omega B enlarger and a 5x7 Elwood enlarger with a Zeiss Tessar lens are among the very excellent equipment belonging to the club. The studio is complete with interchangeable backgrounds, spotlights and a new portrait camera. Charles Behrens, the new vice-president, will be in charge of instructing the new members in the use of this equipment.

A salon is being planned for the near future. So get clicking you shutter-bugs, and don't forget the next meeting of "The Eye," Friday at 10, in the clubrooms.

Modern Equipment In M.E. Dept.; Yellott Describes New Curricula

Keeping pace with recent developments in other departments and the country at large the mechanical engineering department has readapted its curriculum and facilities so as to meet modern industrial demands.

New equipment has been added to facilitate study in all phases of the courses. Among the new machines are several micromax temperature controllers and recorders—a pipe-insulation testing device, and an air-conditioning machine presented by the Mills Novelty company. A new control panel for the air blower, equipped with resistors and rheostats to provide continuous control from 160 r.p.m. to bursting speed was built by co-ops, and floor drill press, bench drill press, lathe and grinder have been installed in the steam lab. workshop.

Principal curriculum changes, according to Prof. John I. Yellott, have been made in the direction of unifying the work in machine design into a four semester sequence. Prof. Yellott stated, "the trend towards the giving of more analytical and less empirical material has been followed in the introduction of fluid mechanics in place of hydraulics, and in changing the status of Dr. Jacob's course in heat transfer from that of an elective to a required course. The mechanics lab. setup has been changed and the fluid mechanics lab. will take over some of the fundamental work formerly given in the mechanics lab. course.

"Work in heating, ventilating,



A Tech News photographer, wandering about in a somewhat thwarted search for pictures, incredulously snapped this object on the S.U. third floor landing. Investigation proved it to be a pottery display connected with the transfer of the ceramics department from west to south campus.

Staff Photo by Center

Moss, Lillek Elected To Offices In Chem Club

Lewis Chem society elected their officers for the coming year on Wednesday of last week. Those elected were Florence Moss, vice-president, and Ernest Lillek, secretary-treasurer. The president, who was elected last June, is Tom Cafcas and the honorary president is Ted Kowalski.

Students desiring to gain admittance to the Lewis Chem society must have a junior standing in chemistry and also a B average in chemistry. There will then be an election of members which will be based on the report of the election committee consisting of Florence Moss, chairman, Ted Kowalski and Bernard Marland.

IIT Engineering Meet Planned For Oct. 30-31

Illinois Institute will conduct its fall engineering conference on the subject of Airports October 30 to 31, Thursday and Friday, at the Palmer house.

There will be two sessions on Thursday. One is in the morning, and the afternoon session will follow a luncheon. The evening will consist of a smoker at which Mr. M. B. Wells, professor emeritus of civil engineering, will lead a discussion on early aviation in Illinois.

Friday's program is a session in the morning followed by a luncheon. In the afternoon the conference will adjourn to the Chicago airport.

Speakers for the conference are considered exceedingly good. They are Wm. A. Aldons, C.A.A., Grading, Drainage and Paving; H. J. Pearson C.A.A., Lighting and Signaling; A. F. Bonnalie, United Airlines, Capacity and Operating problems; F. B. Quackenboss of Rollins, Burdick, Hunter and company, Fire Hazard and Fire Protection; John Groves Washington National Airport, Airport Management; Carl Larson, Northwest Airlines, Plane Servicing and Arrangement; H. L. Cheney, Architect, Washington National Airport; John Becker, Chicago Airport, Control Tower Operation; Donald J. Rogers, Time and Motion Study; A. E. Blomquist, Eastern Airlines, Economic Factor of the Lack of Instrument Landing System; Capt. I. L. Odell, Pan American Airlines, Co-ordination in Airport Design; and Harry Baumer, Chicago, Lighting of the Chicago Airport.

Faculty members and students are welcomed to attend the conference.

Sigma's Sweetheart Dance Oct. 24; Ushers In IIT Fall Social Season

What could be better than the Lake Shore Athletic club as the site for the first Illinois Tech's fall festivities? This ballroom has received the official sanction of the Sigma Beta Theta sorority for their Sweetheart dance.

Harold Shaw, of the Fitch Band Wagon fame, has been selected to render smooth syncopation for the evening. Music will begin promptly at 9 p.m. Friday, October 24, and will continue 'til—?? For the benefit of the Illinois Tech students who are culturally inclined the dance will be semi-formal. All

IIT SPORTS DEPARTMENT SPONSORS PEP TALK AT WEST SIDE STUDENT ASSEMBLY

Class Of '45 Organizes; Dasenbrook President; Huxhold Slips 'Em Tips

With the avowed intention of organizing, the freshmen class of Armour met last Friday, Oct. 3. The record class of '45 got under way as an organized group by electing temporary class officers who will serve until the final elections can be held.

The freshmen elected Norman Dasenbrook as president, Jim Gibbons as vice-president, Herb Post for secretary-treasurer, and Harold Skinner for I.T.S.A. representative.



Earle Huxhold

Earle Huxhold, president of the ITSA, who conducted the meeting, also urged the freshmen to organize teams to represent them in the coming athletic competitions.

These newly elected class leaders, together with Earle Huxhold, will meet this week to discuss plans for a permanent class organization.

With class unity as it is, the large class of '45 promises to make quite a showing in school affairs.

BUY!

U.S. DEFENSE STAMPS AND DEFENSE BONDS

In charge of arranging the conference is Professor J. B. Finnegan, director of the department of fire protection engineering. He is committee chairman, Dr. C. O. Harris and Dr. S. M. Spears of IIT being the other members of the committee.

Speakers Urge Student Sport Participation

Last Friday at 9:10 a.m. the west campus was graced by the official presence of the high moguls connected with the sports department of Illinois Tech. The assembly was opened by "Uncle John" Schommer who first called upon Mrs. Olive Pierce Hazel to elucidate concerning women's sports. Mrs. Hazel discussed the importance of physical education as a part of the educational program. She also announced the meeting of the Lewis Drama club on Tuesdays and Thursdays from 1-3 p.m.

Following Mrs. Hazel, Mr. Schommer introduced Coach Grant Stenger. Mr. Stenger is well known to the upper clasmen at Lewis, but for the freshmen this was their first introduction to the man who will direct their athletic activities for the coming year. Mr. Stenger announced that a meeting will be held this afternoon in the gym.

Remie Meyers, basketball coach; Dr. McNamara, medical advisor; Bill O'Brien, freshman coach; and last but far from least, Sonny Weissman, baseball, boxing, and wrestling coach, were introduced and urged participation in the various athletic activities of Illinois Tech.

Miss Judkins, assistant to Mr. Schommer in the placement bureau, was then introduced and she stated the need for students who have a knowledge of secretarial work. Miss Judkins also asked the students who desired either part or full time work to file their applications in the co-op office to facilitate rapid placement.

To the girls of the arts and science divisions, Mr. Schommer addressed his closing words. In his usual straight forward manner, "Uncle John" explained to the girls who have majored in the physical sciences that they have a better chance for advancement if they have a secretarial background.

Dean Clarke closed the assembly by pointing out to the students that now more than ever there is a need for every thinking individual to test his resourcefulness, initiative, and in general the characteristics that every American likes to say his pioneer forefathers possessed. All branches of industrial activities are now open to any student who has the courage to assert these characteristics.

Artful Arx Active About Arx Affair

"Arf, arf," says Sandy. "I better tell Daddy," says Annie.

And we're telling you of the Arx, the-one-everyone-is-waiting-for, dance. Tentative plans call for a novel, riotous party around the end of October. Hallowe'en has not been moved as this goes to press so it is to be linked with that far-famed witch-hunting evening. Usual conventions will be ignored. Active Arx minds are now selecting the location and orchestra as well as the bringing up of original entertainment ideas.

Every sweet young thing is cautioned to be sweeter still so that she won't miss the celebration. Every gay young blade is urged to get his date early so that he won't be cut. Bids will be on sale at an early date.

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Circulation Assistants George Drevikovsky, Dave Kester,

"Lewis" and "Armour." Rather, we would like to see these names used in connection with the different schools of Illinois Institute. "Armour College of Engineering" or "Lewis Institute of Arts and Sciences" are both entirely proper when used in connection with "Illinois Institute of Technology." We wouldn't object to a car sticker bearing one of the above names as long as it would show in some way the relation with Illinois Tech.

This matter may seem very trivial, but, in reality, it is of extreme importance. A "unification" campaign was launched last year to bond together the two merged institutions. It was understood that the resulting school was to known as "Illinois Institute of Technology." It is very unlikely that the student body will help with the campaign if the school itself is unwilling to sponsor it.

—D.B.

WHAT IT TAKES

Upperclassmen on the south campus read incredulously last week of the retirement of Professor Charles E. Paul. Thus was culminated a brilliant career in engineering—both in the field and in the classroom. Though it is not consistent with the policy of TECHNOLOGY NEWS to foster back-slapping of the obvious type columns Professor Paul's outstanding record at Illinois Tech warrants some comment.

To most students who were fortunate enough to have had him for an instructor—fair, forceful, and at the same time friendly. Students receiving grades in his courses invariably felt that they had received exactly what they deserved—no more, no less. All who passed his courses were certain to carry away with them as great a knowledge of the subject as they could possibly have received from any other instructor.

Professor Paul's success in teaching was most likely due in great part to his carefully pre-arranged programs. One attending his classes knew definitely what was expected of him that day or what would be expected of him at any given date in the future. Failure to cover an assignment always brought a well-directed remark or glance from Mr. Paul, pointed at the laggard in such a way that made certain that the error would not be repeated.

Mr. Paul's daily "question bees" did much towards riveting the attention of the class in just the right place, and it was rare to find a student asleep or day-dreaming in his classes. His grading system was so well planned that no doubt was left in the mind of the student as to whether or not his grade was deserved. "Apple polishing" just didn't seem to have any effect on the grades Professor Paul handed out.

Yes, Professor Charles Paul certainly had something on the proverbial ball when it came to distributing knowledge. Fortunately enough, he left behind him many more profs like himself. In fact, this is one of the things that has brought note to this institution. Our campus may not be dotted, as yet, with massive architectural masterpieces, but it certainly has what it takes as far as its faculty is concerned.

Our position as THE technological center of learning in the midwest cannot be challenged by any school—no matter how high its buildings or money-piles—as long as we can continue to feature men so prominent in their fields and efficient in their classrooms as was Professor Charles E. Paul.

D.B.

KUTUP
KORNER

By Tom Brown

We don't know why it is that practically everybody likes to see his ideas in print, regardless of whether his stuff is smart or well written or not. But it seems to be a universal phobia; something that boils around inside one, until the only relief is to sit down and bombard some poor editor via the U.S. mails.

Well, why not? All the editor has to do is turn it over to some assistant who is sufficiently teched in the haid to find great glee in reading over assorted allotments of such tripe and then joyously inflicting it upon the unsuspecting public. Then everybody is happy, except maybe the public. And from what we've observed of the popularity of such fellows as Arch Ward and Charles Collins we think maybe the public is kinda batty too.

Technology News is indignant. Why should such menial personalities as Arch Ward, Charles Collins, and a few thousand other assorted columnists of, of course, deficient qualities, reap all the glory? Why, indeed, do we suppose the average student of Illinois Institute of Technology to be above the average, mentally, morally and superficially? Ye gads and little tadpoles! What have we done? To think of having deprived you, dear studies, of that simple happy feeling of seeing your idiotic poems, stupid quips, and pathetic comments on everything under the sun, in our likewise pathetic sheet. Oh, the misery of it all!

However, we have finally decided to reform. True, we did print regularly last year a student comment column entitled **Quote and Unquote**, when and if we could find some student writings in our contrib box. But, my word, what dignified comments! So intelligent! So timely! No



longer will we inflict without relief such an injustice on our thwarted readers. Now at long last, we are inaugurating a column "of the people, by the people, and for the great unwashed." (Apologies, Abe.) Entitled, KUTUP KORNER, it is expected to be printed each and every issue. There is just one qualification. We've got to have something to print. And it's got to be from you, and it's got to be original.

If you've time to rhyme, if you've had a subtle or humorous observation heckling the back of your mind, deposit it in the KUTUP KORNER. It's all right if you want to be a Jazbo of Old Federal St., or a Tepid Tilly, or a Madison St. Milly, etc. We'll print your nom de plumes (pen names to you) too, with the stipulation, however, that your real name is signed also, so we'll know that it is authentic Illinois Tech stuff. We must emphasize that no anonymous contributions will be printed or even read, but we encourage pen names, and will print them alone if desired.

Serious mail is by no means to be neglected. All kidding aside, we hope to get more of it than ever. Therefore we are running another column entitled **IT'S THIS WAY**. For this column of serious critical letters, we must again emphasize that no anonymous contributions will be considered. If the author is ashamed to sponsor his article, we are ashamed to print it.

So there is the whole story. We are earnestly hoping to make these two new columns the most interesting in the paper. We can do it with, and only with, the students' whole hearted support. And that means you, and you, and you. Drop your items in the Student Union lobby Tech News Box or in the box of the Lewis News office, Room 313. Amen.

EDT Inspection Course
Attracts 400 To IIT

Four hundred students recently began a twelve week training course in Materials Inspection and Testing which is a division of the Engineering Defense Training Program currently being conducted by the Illinois Institute of Technology. Professor J. I. Yellott, chairman of the Defense Training Program; F. A. Rogers, dean emeritus of engineering; and W. O. Anthony, head of defense training at Lewis, are supervising the instruction. The tuition free course will be held at the Lewis campus until December 20 with classes five days and two evenings a week.

Nine subjects comprising twenty-two hours of class work and eighteen hours of laboratory work will be covered during the course of instruction. The following subjects are included: ordnance regulations, applied mathematics, engineering materials, inspection methods, materials laboratory, production processes, drawings and specifications, production practices, and inspection laboratory. Although no college credit will be given for the course, those who successfully complete the work will be able to meet Civil Service requirements for positions as Inspectors of ordnance materials. A corresponding evening course will be started next month.

Parduhn Appointed New
Campus Superintendent

In keeping with the reorganization program now in effect, business manager Raymond J. Spaeth announced the appointment of Walter J. Parduhn, to the newly created office of superintendent of buildings and grounds of Illinois Tech. Mr. Parduhn, formerly chief engineer at Lewis, and his staff are responsible for the numerous improvements seen about the campus and in the maintenance shops.

During an interview in the shops it was learned that the new system will result in a considerable saving in both time and money, not to overlook the betterment of the institute's physical facilities. A new work card and file routine was set up by Supt. Parduhn. A more prompt work schedule will utilize to the fullest extent, equipment available in the workshops of both campuses. Co-ordinated purchasing resulting in increased economies, improved layout of the speciality shops, the opening of new shops and interdepartmental requisitions are but a few of the innovations planned under the guidance of Supt. Parduhn.

Combining the maintenance work of both campuses has resulted in a higher standard of maintenance, and in a considerable saving of work hours

VOL. 28—No. 2

OCTOBER 7, 1941

IIT? . . .

Although a few die-hards could still be heard mentioning the names of "Armour" and "Lewis" in their conversations last spring, the assimilation of the two names by the new "Illinois Institute of Technology" was considered as progressing quite rapidly. The Armour college student who mentioned "Armour Institute" in the presence of students from the west campus usually found himself in an extremely vulnerable position.

Steps were taken last year to popularize the name "Illinois Institute of Technology" and to do away with the individual school names in their old form. The school's own publicity department played a great part in this by continually using the new name in its press releases and by avoiding the use of the old names. The publications, especially the recently published *Activities Handbook*, did their best to impress upon the student body the fact that there no longer existed individual schools bearing the names "Lewis Institute" or "Armour Institute of Technology."

On returning to the south campus last week, it was in consideration of the foregoing, somewhat of a shock to see the school-owned book-store offering "Armour Techawik" stickers for sale. It must be admitted that "Illinois Tech" stickers were also being sold, but the fact that large numbers of the out-moded stickers were being sold over-shadowed all else. Since the sale of the stickers was accomplished by their display in the book-store window, it wouldn't be far-fetched to say that the school is defeating its own purpose in selling the stickers.

We definitely do not want to go on record as proposing a complete abandonment of the names

As an aid in the formation of definite plans for the 1942 yearbook, a poll will be conducted on both campuses this week.

Please fill out the form below, clip it, and deposit it in the Technology News box in the SU lobby or, on the west campus, in the box outside room 313. The results will be tabulated and published next week.

1. Do you approve of the name "Polygon" for the 1942 yearbook?

If not, what names can you suggest?

2. Do you approve of the form (size, shape, style) used in the last yearbook?

If not, what constructive criticism have you to offer?

Urgent Need For Better Athletic Facilities Cited By Outrageous Conditions Prevailing On Campus

Illinois Tech has a building for the gas institute. The next building that is to be erected is a library and class room building. These edifices are good. They mark forward steps toward making the institute a bigger and better school.

But—when students have to play cards on the steps of the Student Union for exercise and entertainment, there is something wrong. However, they can not go any other place. How can a fellow go up and work out in Armour's gym? If classes are going on, there are thirty to fifty men in the "box" on the fifth floor during a gym period. When gym classes are not scheduled, all the equipment is locked up. Results—a nice floor to play tag. There are no bars, rings, poles, dumbbells, or boxing rings. The floor is too small for basketball or soccer.

Fieldhouse the Answer

The only answer to this disreputable condition is a new fieldhouse. A place with a swimming pool, basketball courts, and an inside track.

"The engineer should be sound of body as well of mind," says John Schommer. He goes on to say that sports and an active participation in extra-curricular projects is just as important for citizenship as are any classes.

Nothing Done!

With this great need for an athletic center nothing is being done. The Illinois Tech swimming and track teams still have to go to the "hard to reach" University of Chicago fieldhouse. The boxing and wrestling teams have no ring and the basketball team has to play and practice in the armory. Hockey games must be played on the far west side.

We need a field house and we will get it. **NO MORE CARD PLAYING ON STEPS FOR EXERCISE.**

TECH SHORTS

By John Butkus

Milt Pleva, Tech's new intramural manager, is calling for between ten and fourteen men to act as "official referees" for the coming touchball season. They will be distinguished from men acting as referees in previous years by the fact that they will be the only ones that may work in that capacity. Furthermore, Milt has assured us that shirts or jackets will be used during the games.

Any men interested in obtaining more information should speak to Pleva.

* * *

Art Minwegen announces that the golf finals will be held at the Southmoor Country club. The lettermen will play the non-lettermen, team for team. From indications, says Art, the new men are favored to put up a very good showing.

* * *

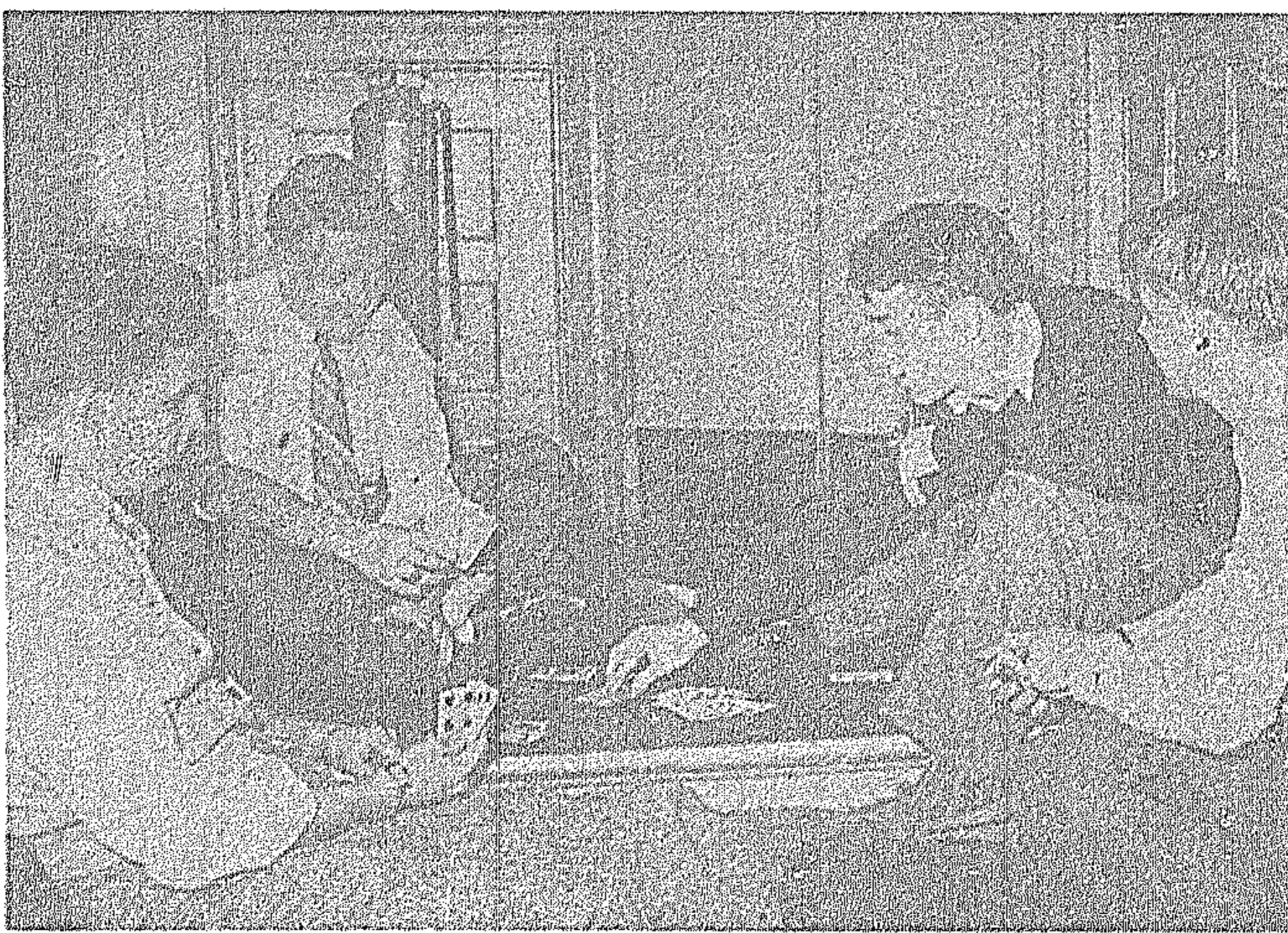
Boxers and wrestlers who didn't attend or sign up at the last meeting, Monday, October 6, may do so this coming Wednesday or Friday in the small gym. Especially needed is a junior to act as assistant to Jim Walker, boxing manager. In his senior year he will be expected to take the responsibilities of Jim's job.

* * *

Lewis Tech News representatives reported that west-campus sports activities have not gotten under way as yet. Bosh! Let's get those footballs flying and get up a touchball team at Lewis to shellac the "boys from Armour."

There will be a meeting in the Lewis gym at 2 o'clock today, for all students interested in participating in the west-campus intramural program. Be there!!

CARD PLAYING FOR EXERCISE



Staff Photo by Center

Norm Root Confined To Sanitarium; Students Urged To Send Letters

Alpha Sig's Athletic Supremacy At Stake

"Beat the Alpha Sigs," will be the battle cry in the Armour fraternity circles as the athletic season looms upon the horizon of interfrat activities. Alpha Sigma Phi has walked off with practically every athletic trophy offered during the '40-'41 season. The Phi Kaps and Rho Delts, last year's hard luck frats are swearing vengeance on mighty Alpha Sigma Phi. Both fraternities were nosed out in football, basketball, baseball, swimming, and ping pong.

From all appearances Rho Delta Rho with 22 pledges, the largest pledge group on the campus, will be the outfit to watch this year. Rho Delts are looking forward to big things from Herschell Franks, triple-threat athlete from Austin high school.

First on the calendar of interfraternity sports will be football.

'Remie' Meyer, Next Season's Track Coach

Due to the temporary absence of our fine track coach, Norm Root, the team will be coached by Robert Meyer. Remie will double as track and basketball coach for this season. Even though Meyer has never coached track before, his wide experience in other sports, both collegiate and professional, should help him to be successful.

On road trips and during the winter when basketball and track are both in full swing, John Schommer and Sonny Weissman will aid with the coaching activities. With this able coaching staff the team should go far this coming season. At the ITSA meeting last Friday a motion was passed granting Norm a slight salary for the next nine months. It is hoped that our old coach will be back by this time leading more IIT teams to victory.

A post card or letter would be greatly appreciated by Norm. Those who wish to write a word may place their letters in the Tech News box and the staff will forward the messages.

TOUCHBALL SEASON OPENS ON MONDAY

Next Monday marks the opening of intra-department activities at Armour. It is on this date that touchball competition opens.

Deadline Thursday

"Next Thursday is absolutely the deadline for entries in the touchball tournament," says Milt Pleva, intra-mural manager. All entries should have the names of the men on the team, name of the team, and all possible times which games may be played. One team is allowed from each department for every class. The freshmen are allowed to enter as many teams as they wish.

Captains of all the teams are asked to meet Friday at 10 o'clock in U2W. The referees are also requested to attend. Rules will be discussed and new ones formulated. Except for these changes, the Spaulding touchball rules will be used.

Senior Mechs Favored

The senior mechs seem to be the favorites to win the tournament with the junior mechs running second in popularity. However, both these teams have their weak points leaving the whole field open to some dark horses.

Boxing, Wrestling Co-Captains Take Over New Duties

Yesterday, Sonny Weissman and the co-captains of the boxing and wrestling teams held a pow-wow in the small gym. Plans for the coming year was the main topic of discussion.

Jerry de Giorgi, mech, begins his duties as a co-captain on the boxing team in this, his senior year. His record stands: seven bouts won and two lost. Besides collegiate participation he has been in the Golden Gloves three times. He lost his bouts to the finalists; last year to the winner.

At the helm with de Giorgi is Roy Erickson, co-op and two letterman. His record shows he came out in front eight out of eleven bouts. This impressive record was repeated in the Golden Gloves. A thumb injury broke his winning streak and kept him from further participation. Both boxers had no experience previous to their entrance to Armour.

Selected to lead the wrestlers, the "heavy" sport of Illinois Tech, are two veteran grapplers Fred Till and John Butkus. Fred and Erickson will leave their respective teams this January with the co-op graduation. But with him, Till will take one of the most consistent winning records of the wrestling team. Of 28 collegiate bouts only eight were lost. This record is exceptional since Fred had not wrestled in high school.

John, a member of the civil clan, holds the other half of the co-captaincy of the team. Aided by a years' experience in high school he, during the seasons in wrestling, brought his record to fourteen wins out of twenty starts. Both men have been in action during the year's wrestling highlight; notably, the Wheaton invitational.

Grunters, Groaners To Begin October 13

Illinois Tech's boxing and wrestling prospects look exceedingly bright this year. Coach Sonny Weissman looks forward to a better record than last season's four wins out of six for the wrestlers and a bigger schedule for the boxing team.

Six Lettermen Return

The grunTERS and groanERS have six major letter winners returning. They are: Co-captains John Butkus and Fred Till and Harold Hurwitz, Don Malhock, Jerry Golden, and Bill Daly, managed by Jim Walker. Joe De Pinto, Ralph Jehnke, and Emil De Boe are returning minor letter holders. With all these men returning, only one position is particularly open, that is the heavyweight spot.

Coach "Sonny" announces that he wants everyone who wants to wrestle or box to register with him October 8-10. The first workout takes place on October 13. The exercising takes place from 4-6 on Monday, Wednesday and Friday.

More Boxers Needed

The boxing team has co-captains Jerry Di Giorgi and Roy Erickson returning with Ivo Buddeke, George Ellis, Bob Merrick, Roy Simpson, and Chester Swan. All are minor letter winners. Besides inter-collegiate meets the boxers enter in the Golden Gloves tournament. Ivo Buddeke took first in the section championship of this tournament in the spring of 1941.

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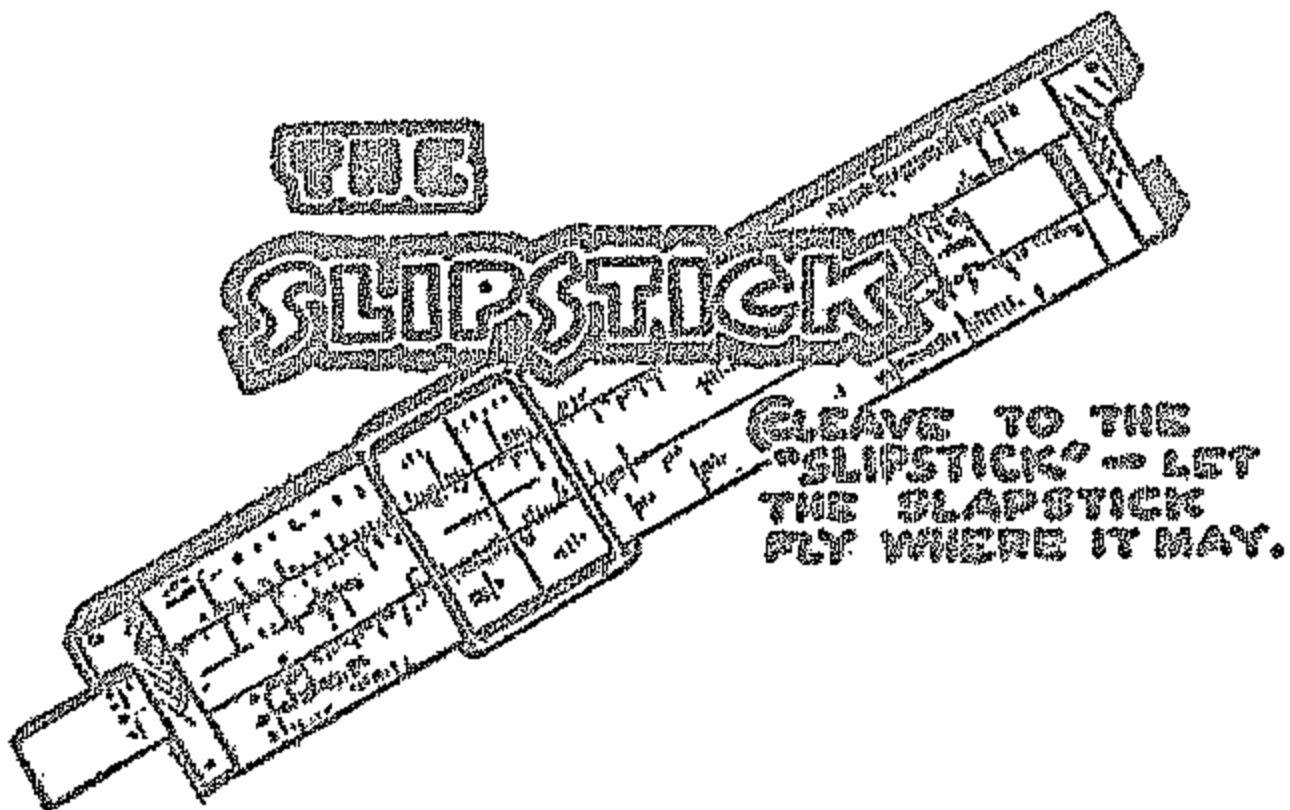
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Second attempt at a start and as usual have nothing to say here but advising you to stay with us to the end caus' sumpin' good is waitin' you.

GRATEFUL
A young man walked breezily into the doctor's surgery.

"Ah, good morning, sir!" he said. "I've just dropped into tell you how greatly I benefited from your treatment."

The doctor eyed him up and down. "But I don't remember you," he said. "You're not one of my patients."

"I know," replied the other, "but my uncle was, and I'm his heir."

Leave It to the Navy
First Sailor: "She's a nicely reared girl, isn't she?"

Second Sailor: "I should say so. Not so bad from the front either."

A well-built girl is like a three-ring circus. A fellow doesn't know where to look first.

Oh, mother, may I go out to swim?
Why no, my darling daughter,
You're so darn near naked anyhow
You'd look better in the water.

Her niece is rather good looking, eh?
Don't say 'knees is,' say 'knees are'.

"Where in h—l are we," asked the drunk leaning over the steering wheel.

"We're coming into a town and you'd better slow down," answered his pal.

"Oh yeah, how c'n ya tell?"

"Cause we're hitting more people," came the reply.

COOL AND CALM
A hotel was on fire and the guests gathering out in front were watching the flames.

"Nothing to get excited about," one traveling man was boasting, "I took my time about dressing. Lit a cigarette. Didn't like the knot in my tie and retied it. That's how cool I was."

"Fine," remarked a bystander, "but why didn't you put your pants on?"

Have you heard of the navy tattooist who uses phonograph needles instead of electric needles for his tattooing? He gets talking pictures.

"It's nice to kiss in a shady parking place, but the boy friend doesn't stop there."

"You mean..."
"Yes, he keeps right on driving."

Betty (just engaged): "Doris, do you know what it feels like to be in love, to sit next to the man you adore, and feel your innermost soul vibrate?"

Doris: "Sure, I do. I feel like that every time Joe takes me out on his motorcycle."

AGREED?
Heredity is something every man believes in until his own begins to cut up like a clown.

IN ONE SCENE
The night is dark and stormy. 'Tis not a fit night out for man nor beast. A drunk grasps the doorknob after great length, finds the keyhole and stomps into the house. The room is dark and he stumbles around looking for the lights. But lo, the wife pipes up: "That you, Henry?" No answer. A big crash of glass. "Henry! What in the world are you doing?"

"Teaching your goldfish not to bark at me."

Curtain
Helen: "How is it Tony never takes you to the movies any more?"
Mary: "Well, one evening it rained and we stayed home."

Well, I hope that doesn't stop your clocks because I really like this daylight saving time.

OH MIN!

The Greeks Had A Word For It

GODS

Robert J. Creagan

The interfraternity council met last Wednesday at Phi Kappa Sigma. The drawing for the football tournament was held and Dick Taylor was appointed chairman of the social committee.

The Triangle Mothers club held a tea Sunday afternoon which was attended by rushees' parents. The party was a great success. Monday evening a formal pledging was held, at which time the following were pledged: Eugene Andre, Arthur Kefer, John Little, Douglas Leavenworth, Robert Palkovic, Clarence Swanson, Charles Wiggins, Charles Emmons, Robert Keife, Kenneth Thompson, Louis Simes, Arthur Ballou.

Theta Xi is proud to announce the recent pledging of the following men: John Cox, E.E. '45; John Weber, E.E. '45; Bill Downey, M.E. '45; Howard Smith, M.E. '45; Fresman, M.E. '45; John Koza, C.E. '45; Frank Jenkins, M.E. '42; Bob Klein, M.E. '43; Cliff Gorski, M.E. '43. T. X. will hold its annual fall steak-fry Sunday, October 5, at Wing Park in Elgin.

Rho Delta Rho reports the pledging of 23 men, one of the largest classes in her history. Rush week, in which the usual luncheon and smoker were held, was climaxed by a highly successful dance at Marsh Salzman's cabin in Evanston. The formal pledging followed by the traditional dinner at Faubel's was held Wednesday, September 24, and was attended by the following new men:

Joseph Abrams, Lewis Berkowitz, Martin Black, Art Blumenthal, Seymour Bortz, George Cohen, John Coopersmith, Walter Derin, Carvyn Ellman, Leonard Ellman, Earl Fein, Herschel Franks, Herbert Gertz, Abraham Kaplan, Marvin Kessler, Jerome Lettvin, Seymour Padove, Sheldon Plotkin, Samuel Alan Rade, Max Reiss, M. Scadron, Louis Sprung, William Taback.

This column requests that each fraternity present notes on or before Thursday evening.

GODDESSES

Helen F. Marzuillo

Rush parties for freshmen coeds got under way last Monday, when the Kappa Phi Delta sorority girls entertained our new friends at an afternoon tea, which was held in our fifth floor tea room. Florence Bartussek and Blanche Fried assumed the responsibility of preparing the menu. The girls spent a delightful afternoon becoming acquainted, while reading each other's tea leaves. (That's a mighty fine way to become acquainted, girls...)

The Lambdas began their fall rushing season on Tuesday, September 30, with an "afternoon snack," which took place in the tea room. The rushees wore tiny corsages of artificial flowers, and were seated so as to form a circle, and the tea room was lighted by dim candlelight. The tinkling of tea cups, the flickering light of the candles, and the radiant smiles upon the faces of IIT's newest coeds created an afternoon which might well be described as very picturesque. Lillian Snodgrass and Alda Kairis, both '41 graduates of IIT, and both Lambda alumnae members, visited Lewis last week. They are steadily employed, and both are doing as fine work out in the world as they have done at Lewis and Armour! Last Wednesday, the Sigma Beta Theta sorority had its first rush party of the season. The rushees were entertained by the girls in the tea room, where luncheon was served. The Sigmas are making further plans for their fall dance, which is to be held on October 24th, the full details of which are disclosed elsewhere.

On Saturday, September 27, the Sigma actives joined the alumnae members at a luncheon, which was held at the Polly Grill. The luncheon date was a "combination date" of business and pleasure.

Violet Tukich has decided to live at the Lewis Dormitory for this semester.

Well, folks, that's all there is; there isn't anymore. See you next week.

YOU TOO?

And now gentlemen, we present you with the \$64 question. "Have you received your draft questionnaire?" To you lucky cannon-fodder (and mudder) we will give a helping hand in filling out the questionnaire.

The first step upon receiving this wonderful blank, is to open it. You then have three choices. You can write, "Not interested," on the card and return it, or just ignore it completely. To those who choose either of these methods, well—you look grand in black and white anyway.

Now, for those who are going to fill out the bank. First steal a fountain pen or a typewriter or anything you can get your hands on. Then take out your wallet (help! I've been robbed!) and find your identification card. From this you will be able to find out your name, address, and the kind of cheesecake you like.

Next, inhale deeply and hold your breath. Getting stuffy, isn't it? The next step is to go out and whistle. When your draft exemption comes running up, go into a dark corner, and explain the war situation to her.

Now stagger back to your questionnaire and fill out the section marked dependents. Use your own judgment here. In filling out the section marked occupation, you will run into trouble. For those who are fifth columnists, simply state that the board should see your local spy headquarters for complete details. If you are tired, and never sleep nights, simply state that you are a student.

For those who can play baseball, ask for a 4F deferment. This class includes morons, idiots, and Rigney of the Sox. These lucky seniors who were told they were unfit last semester, don't worry; you'll pass the physical examination. But, if you don't remember, milk gives little boys and girls strong teeth and bones.

Arx News

Because Tom Sherlock successfully intimidated one of our numerous informers—we will hereby print nothing about his corn cob baking activities, nor will we venture our observation that his moustache looks like something that crawled out of his nose.

Honey Chile fell for Hammond—right off her stool; and said lady-killer scooped her up, dusted her off, and adjusted her safety belt. And where did it get you, honey? In the etc.?

Worry Wart Michaelson is now the proud possessor of a shiny new 2-A classification. (Editor's Note—Honey Chile has been tutoring Mike in the art of "politicizing.")

At long last Dunlap has confessed—he shaves with the aid of a mirror, a magnifying glass, and a pair of felt-lined tweezers.

Woehrl claims he obtained his bloody ear by plunging his arm into it up to the elbow while in the midst of a violent dream. We suspect that's the hole his brains leaked out of.

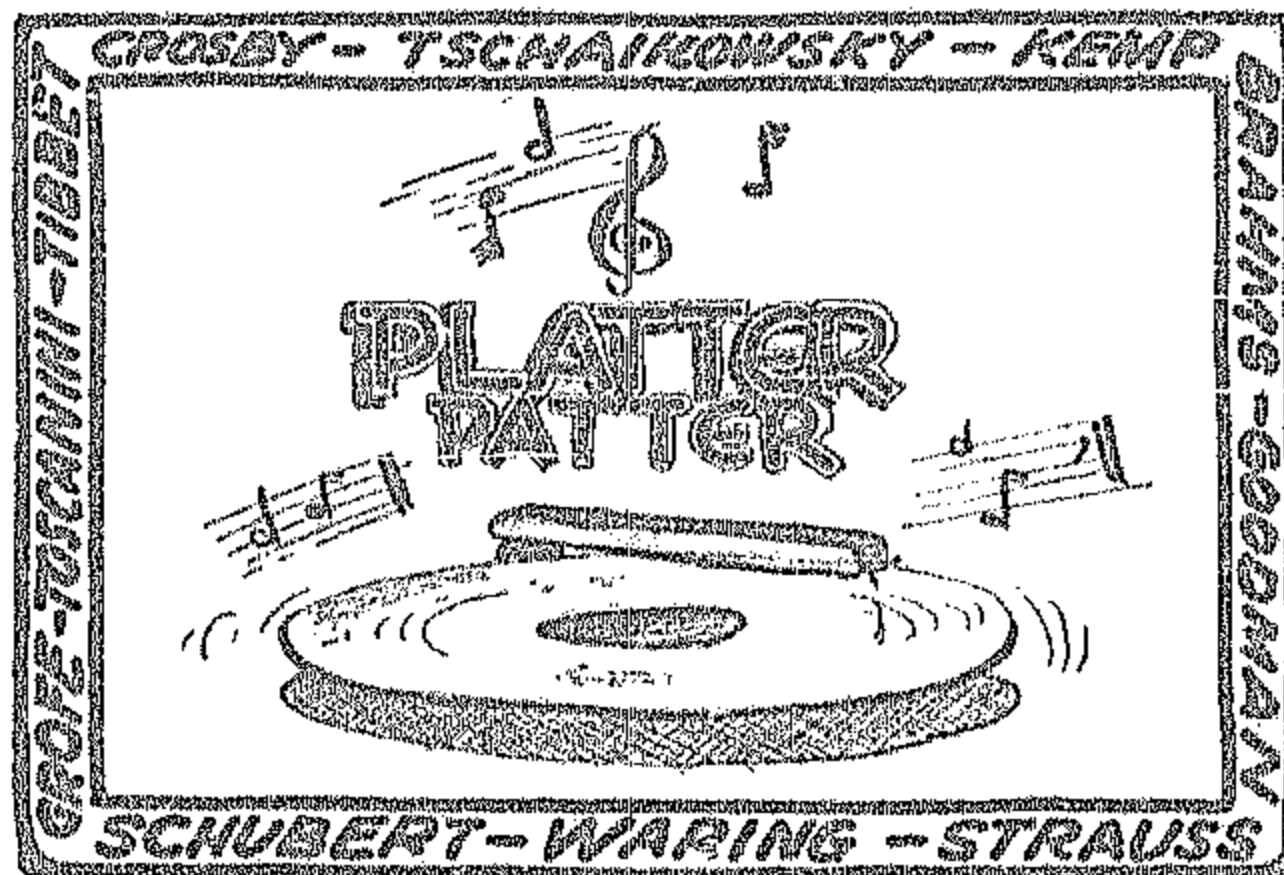
At ten o'clock Wednesday the lower school will all face east as Hasskari is buried in a blaze of glory, a shallow grave, and his rapidly putrifying orange coat. And with him die the secrets of his activities in Madison not long ago.

Center's world record for fly-killing: 88 in thirty-one minutes, 13.7 seconds, and time out for a small coke with vinegar. Incidentally, the yarn that Center spins for the art school gals is commonly known as a Center Line.

"Long Long" Lane actually came to class on time last Thursday. Her alibi: "What with this time mix-up, I hardly know what class I'm cutting."

Mr. Mell is still busy getting his eyes uncrossed after viewing the pink oilcloths currently flaunted by Chris, Wright, and Deacon Randall. And congrats are in order to seniors Warren Spitz and George Storz as winners of Dora T. Bartlett scholarships. Neat work, people!

—Ann Ibriated



by Ted van Golder

This week we present the Victor album (M805) by Johann Strauss—"Two Overtures and two waltzes." Bruno Walter conducts "Die Fledermaus" Overture (Paris Conservatory Orchestra) "Der Zigeunerbaron" Overture (London Symphony) and "Emperor Waltz" (Vienna Philharmonic.) George Szell, who this summer made a startling debut at Ravinia, is to be heard in the eternally lovable "Blue Danube" (Vienna Philharmonic). Every lover of Strauss music will want to hear these wonderful melodies played by these truly notable orchestras.

Here we go, gates, with the Andrews Sisters grooving "Aurora" and "Music Makers" (Decca 3732). These both have the solid beat, the unique arrangement, and the smooth harmony for which the Andrews Sisters are known. There's no doubt about the popularity of this record... Sammy Kaye beats out "Daddy" (Victor 27391), with the Kaye Choir on the vocal. This is another for the cats with a vocal arrangement that will keep this record spinning. Plattermate is "Two Hearts That Pass in the Night," a slow sweet number with Arthur Wright doing the singing.

Kay (Professor) Kyser records "Why Don't We Do This More Often" (Columbia 36253), Ginny Sims and Harry Babbitt singing. The slow, smooth bounce in which this is done combined with the super vocal and instrumental style guarantees the popularity of this record. Companion is "I've Been Drafted" with Sully Mason on the sing-fare... Tony Martin records "Tonight We Love" and "I Guess I'll Have to Dream the Rest" for Decca (3988). The first is adapted from Tchaikowsky's Concerto Number 1 in B Flat Major. Both songs are rather poor for Martin's voice, which we believe could do much better things. However, their record is a pleasing one, the second one having a better chance.

Rise Stevens, newest and most popular of the "Met's" mezzo-sopranos, makes her Columbia (71192D) debut singing the "Habenero" from Bizet's "Carmen" and "Connais-tu le pays" (Knowest thou the land) from Thomas' "Mignon." It was in "Mignon" that she made her highly successful New York Metropolitan debut when she sang the title role. Friedler Weissman conducts the accompanying orchestra.

Who Done It?

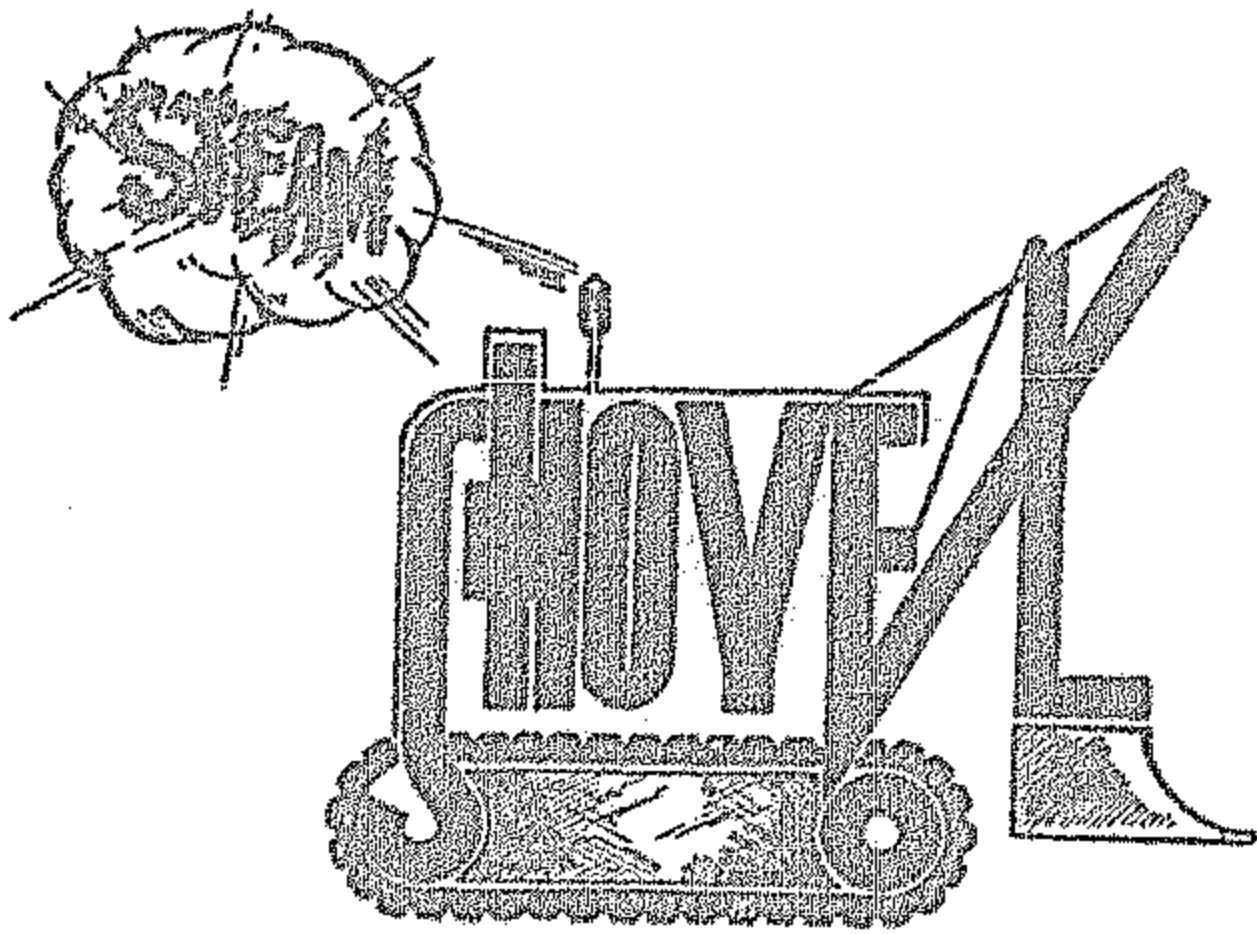
Being of interest to engineers of all fields, the steam engine takes first place in this series of articles devoted to great inventions and their inventors.

About the last third of the eighteenth century, a Scotchman by the name of James Watt was attracted towards the problem of turning steam into work. He had seen, worked on, and repaired a steam water pump invented by a man named Newcomen; was disgusted by the inefficiency of this device, and resolved to construct some machine which would be practical.

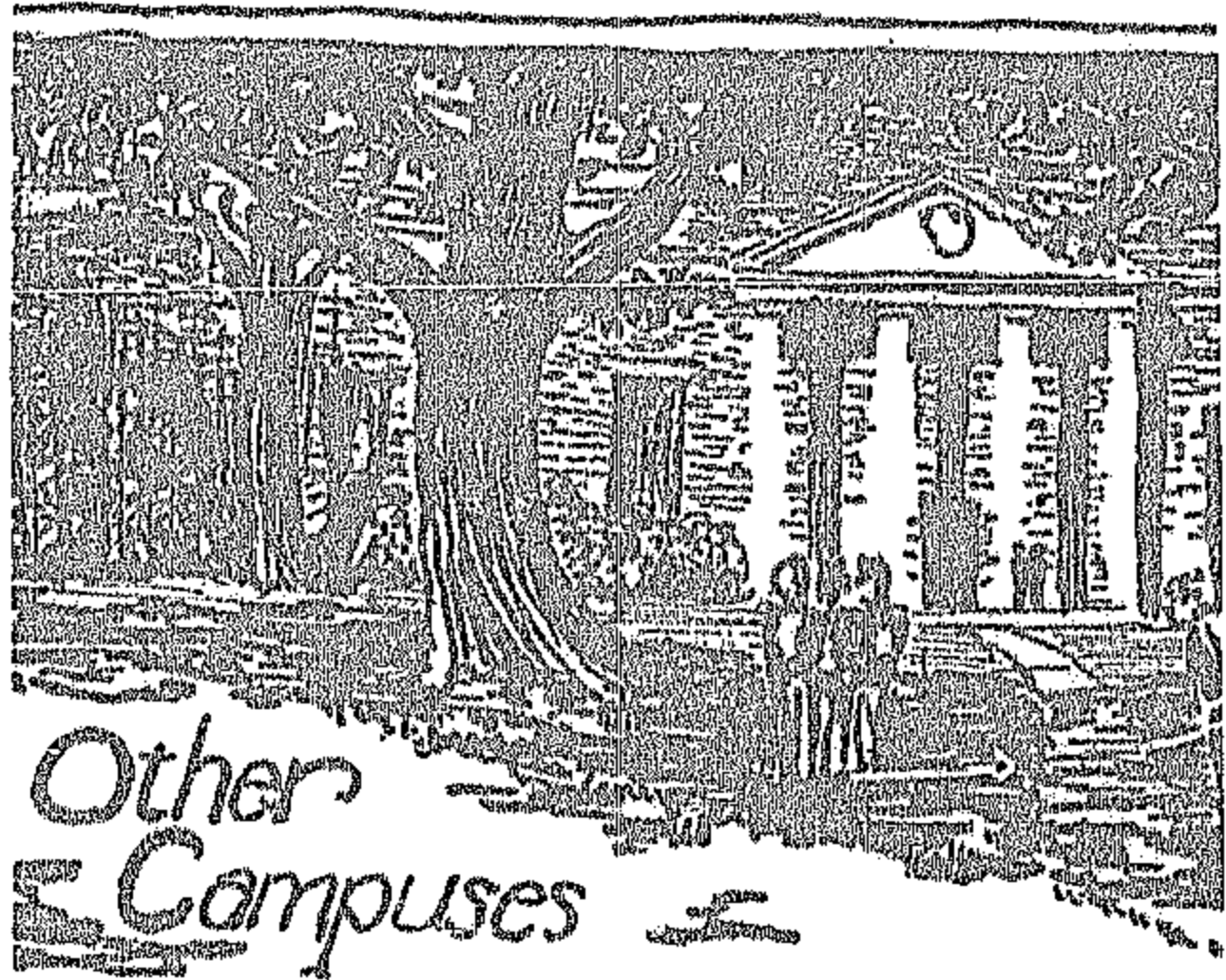
Watt's first experiments were not very encouraging, but in 1765, after many failures the true principle which he had been looking for came to him while he was walking one Sunday morning. Soon he was "in production" and the world began to use his important contribution for a great many things.

Today we can hardly list the direct and indirect uses of the steam engine. It has influenced a great part in our lives. Steam is still the greatest source of power in our factories, and mass production has been made possible through its gigantic applications.

We have gone a long way since the invention of the steam engine, but not so far that we cannot look back and pay homage to its inventor James Watt.



Blitzkrieg!



By Charles I. Ball

The University of Kansas' newspaper, "Daily Kansan" is offering a free trip to Sun Valley, Miami Beach, the Sugar Bowl, and the Rose Bowl in a subscription drive.

* * * *

America's college and university football teams annually play before more than 18,000,000 fans who pay over \$20,000,000 to see their heroes do or die.

* * * *

From a survey of enrollment figures of 57 of the country's leading colleges and universities CIB Survey has discovered that home economics courses have shown the largest increase, while most other courses have shown decreases due to the draft and job opportunities. Anyway, it looks bad for the male.

* * * *

College authorities at Harvard and eight other New England schools urged students to leave their automobiles at home this year to conserve gasoline.

* * * *

At Clarkson Institute of Technology freshmen are required to wear green caps and ties, not to smoke, salute upper classmen, attend all college exercises and varsity games, and carry matches for upper classmen at all times.

* * * *

It is reported that Gary Cooper was denied membership in Grinnell college's dramatic club as an undergraduate—because he couldn't act!

* * * *

Awards of the Rhodes scholarships to Americans has been discontinued since 1939 because of the war. However, the Carnegie Corporation offered tuition and many American universities, including the University of Chicago, offered free tuition to all Rhodes scholars displaced before and during the war.

* * * *

Bare legs—to be or not to be—are still in the news . . . University of Nebraska requires coeds to wear hose at its student union dances . . . U. of California's band voted its annual NO on short skirts for its drum majorette . . . Michigan State college males think the new colored coed stockings especially blue and green ones, look like infants' wear . . . Port Arthur college, after 32 years, has finally allowed coeds to attend classes barelegged . . . A "Shed Silk for Uncle Sam" club at Minnesota U. was formed by coeds who pledged to go with bare legs—or even barefooted—if necessary for national defense.

Well, the old super snooper's spoutin' spillin', and scattering school scandal all over the place again and is besmeared and begrimed from keeping the probosis at such a proximity to the ground while smelling out all the rumors and catching these campus capers in the fly. Now to blow . . . the dust off the records and let you have it!

My most humble apologies to Mr. Paustian for neglecting his new cookie duster as one of the improvements about IIT. Nothing like a twirl of the moustache to add that finishing touch.

Kibitzin' on the Keys was Lil Snodgrass (remember?) last Thursday in the Tech News office, while Pat dictated. Lil, you're definitely typed! Also winding his way back to the Damen-Madison domicile was "Uncle" Al Falkman affectionately greeting his beloved nieces all along the way. Good to see you, Uncle.

Information Please!

Who is that roving refugee from E.D.T. division viewed last Monday by a number of our fickle co-eds with assorted cases of heart murmur? If anyone knows, kindly shake the info' out of his sleeve, and send it on in. The defense is unbearable! How does "Tiny Tim" Meyer do it? Sunday night found our Glamour Boy with a bad case of double-date dilemma. Two dates in one evening is all right but at one and the same time takes real ingenuity. All hail, super man!

Why is Professor Riser so anxious to return to northern Michigan? The scenery? Could be.

Sylvia Weislo makes history . . . more interesting to the student at Marshall, you lucky people, you! The medical profession will hit a new time low when Sylvia finds herself reaping that harvest of big, red apples!

Alice Moffett and "Pixie" Reed still shining-eyed and that-a-way. Say—guess I'll have to eat a few words from last week's blitzing (and me on that V diet, too). Connie Cary staged a surprise comeback and is once more one of our happy little group! Howdy, kid!

This week's bunch of chrysanthemums goes to the new officers for the year '41-'42. Congratulations people, and carry on the good work! From where I sit it looks like another swell and prosperous year!

Number Please!

Business must be "picking up" for Bob Tandrup, judging from those reputed "business" calls he makes. Did you secure that appointment for 8:30 okay, Bob? Hank Pachowicz really got his lines mixed the other night when he found himself an integral part of a three-way telephone conversation which included the gal and a bit of long distance competition. There's something phoney about all this!

Florence Bartusek is certainly getting swell-headed about the whole thing! She registers the complaint that one of her bicuspidis is kicking the gong around inside her pretty head. Ipana for you, Florence!!

"Prexy" Schaeffer is very happy about the whole thing. His subordinate skipper

at the helm of the freshman class turned out to be Helen Gordon.

We see that Professor Schuman, formerly of IIT, is in for a bit of Khaki Kibitzin' as instructor for our boys behind the guns; and without a Ph.D. at that!! And while in the War department, I see Art Potterino over in the corner working up a harmony arrangement of "Any Blondes Today?" Even Uncle Sam realized the fact that whenever an emergency call rings out, there's Art! So long Pete, and if they neglect your quota of beans, just wire the IIT home ec girls.

Doris Listik, the girl who makes the broth and pudding that too many cooks spoil, and the proof is in the eating, has sure got it all over Mother Hubbard, and is giving the A&P Self Service Super Market a good run for their money to boot! If you can push Ben Knazan out of the way, just cap a gander at her locker, and the results of 2 teaspoons, 1 cup, 1 tablespoon, with just a pinch of, and chill for one hour.

If Professor Hammer had his way, Mr. Greenwood would find himself sitting out in front of Ye Olde Booke Store with nary a pencil sharpener to peddle, since his opinion of the text books is an infinite series (acknowledgement to the college algebra text) of "inconsistencies."

Lorraine Kaskia directs her complaints about the National Defense not against the inflation (Mr. Graves, please note), but against the United States Marine Corps which is taking the attention of her beloved.

The very latest news, and you can't deny it, concerns that zealous patriot of the Sigma cause, Dorothy X. Giambelluca. She effectively proved that curiosity can do more than kill the cat just a few minutes ago when she tilted precariously on one of the news office chairs just to sneak a peak at the first page of Blitz as it rolled out of the L. C. Smith. She wasn't supposed to become acquainted with this super gossip until Tuesday (today), and just to show that the scales of justice balance evenly, Dot lost her balance and drapped herself ungracefully on the oak of 313. Hank Pachowicz was the nearest gentleman who did not assist her to arise. Muttering incoherencies about "coefficients of sliding friction" she departed having suffered injuries both to her pride and her . . .

* * * *

SCOOP! Your sixth columnist has received from "an authoritative source" the info that a fraternity is in the synthesis. The officers have been determined, the faculty sponsor selected, and the constitution began. As soon as the latter is completed, the tentative plans will go down to room 222 for the blue pencil or "O.K." The organization will be the first of its kind at IIT and should be successful . . . in providing cannon fodder for Blitz.

* * * *

Well, here I go again, sneakin' out the back, but I'll have my foot in your door again next week. . . .

THE SIXTH COLUMNIST

RESULTS OF HUMAN ENGINEERING LAB'S TWO YEAR SURVEY

THE SENIOR THINKS:

My classes are tougher than junior year.

Women are not to be trusted.

The student union is where classes should be held.

Freshmen wear baggy pants.

The rocket is a night club.

Just so she.

Gloomy Sunday is the day I do my week's home work.

Books cost too darn much.

Nothing could be tougher than constitutional law.

The Steam Shovel is too personal.

THE JUNIOR THINKS:

My classes are tougher than sophomore year.

Women are not to be trusted.

The student union is where classes are held.

Freshmen wear pants.

The rocket is a star with a tail.

Just so she speaks.

Gloomy Sunday is the day I sleep outside of class.

Books cost too darn much.

Nothing could be tougher than the meat in the cafeteria.

The Slipstick is a paragon of humor.

THE SOPHOMORE THINKS:

Third week of school; better report in at my classes.

Women are not to be trusted.

The student union is where classes are !!?%x13/4 "?!"

Tough freshmen wear pants.

The rocket is what I drive to school.

Just so she speaks English.

Gloomy Sunday is just another morning after.

Books cost too darn much.

I second the motion.

What's tolerable about this article, anyhow?

THE FRESHMAN THINKS:

Occasionally.

Women are not to be trusted.

The student union is where?

Pants are desirable.

Rocket is when you stand up in a rowboat.

Just so she speaks English well.

It's the name of a jive.

Books cost too darn much.

The sophs are tougher.

Washington, D.C., Oct. 6—(Special to editors of Steamshovel)—The Federal Bureau of investigation announced late today that a special committee is on its way to Chicago to open an investigation into alleged subversive activities on the Illinois Tech campuses. Acting on information from undisclosed sources, Edgar J. Hoover ordered this picked committee to proceed to Chicago, with these words, "This sort of thing must be stopped! The fate of our youth is at stake!! This ring of saboteurs that is undermining the traditions and ideals of our undergraduates must be brought to justice!" The committee will investigate the following:

1. The failing of students even though they have attended a majority (51%) of the lectures.
2. Homework assignments before the fifth week of school.
3. Forcing students to read text books.
4. Banning of sexy literature.
5. Removal of Petty drawings from lockers.
6. Eight o'clock classes.
7. Classes on Monday.
8. Disturbing the student's peace of mind and physical health by the issuance of flunk notices.
9. The nervous strain resulting from the shortage of cute stenographers.
10. The shock due to the sudden awakening caused by the disgusting clang of the class bells. (Ed. suggestion: the installation of chimes which at 10 minutes after the hour will gently and melodiously lull the student to sleep with the strains of Brahms' Lullaby, and at the close of the hour to rouse him by the soft, but urgent bars of Reveille.)
11. Quizzes.

Co-operation of the student body in unearthing and bringing to light the existence of these, and any other vile practices is earnestly solicited by the committee.

(ED NOTE: Forward all information to this column and we'll deliver it to the chairman of the investigatin committee.)

* * * *

FLASH: Johnny Butkus has given up his Lil Snodgrass for Old Bessie! Yup, that old concrete mixer you see putt-putting around school (when it's in the mood) is "Spike's" pride and joy! Although any resemblance to a car is strictly coincidental, our guess is that "Leapin' Lena" originally was a Buick! Vintage? We weren't born yet!!

* * * *

The IITFA (Illinois Institute of Technology Anti-freeze Association) held their first meeting last Friday night. Due to the chilly weather a large quantity of anti-freeze was needed. High lights of the evening included Karl Koos' attempt to cut a loaf of bread with a lawn mower, Don Ely decorating the place with Seminole, and Jim Walker fencing with a pink elephant! Bill Skene was also present, but due to his physical condition, missed out on most of the activity. Good start lads!

* * * *

WARNING!!

To the nit-wit that jumbles words together and calls the result "Blitzkrieg": If you use the words "sooper snoopers" just once more in that tripe that you write you'll have the sweetest libel suit on your neck that's ever come before a U. S. court! We'll push your face so far underground that you'll be able to exchange greetings with the American embassy in Shanghai!! For your information this is what sec. 25 of the U. S. Copyright Act has to say about mugs like you: "That if any person shall infringe the copyright in any work protected under the copyright laws . . ." See that? In other words, bum, we'll beat a tatoo on your seonce which will put the ubangi drummers to shame!

* * * *

And now we close with a lovely little ode! What a wonderful bird is the pelican His bill can hold more than his belly can. I don't know how in helican!

SOOPER SNOOPER.

Basketball Team After More Wins; Squad Built Around Six Lettermen

Soon the sound of the basketball swishing through the hoop will resound throughout the 108th Engineers armory. This music will greet youthful Remie Meyer as he begins his second year as Illinois Tech's varsity basketball coach when the boys start the 1941-42 season.

The date set for the initiation of future basketballers will be around November 3, and will mark the beginning of the second year of IIT's New Deal. There will be a meeting called before the third of November for all prospective basketballers, so watch this paper and the bulletin boards for the announcement. As was the case last year, due to the limited time that the Techmen have for extra-curricular activities, practice sessions will be comparatively short and intense. Every minute will be well spent, so all red-blooded Techmen are urged to report. Meyer is really after a winning team this year.

For a Better Record

Last year's record of five wins against ten losses, though not at all impressive, was a definite improvement over previous Tech-hawk teams. It must be remembered that only one major letter-winner, Captain Hank Sliwa, was reported for the team, and it was

around him that an entirely new team had to be built. So, going into the 1941-42 season, Coach Meyer will have not one, but six major lettermen and four minor lettermen to form a solid nucleus around which to build a winning combination.

Returning lettermen will be Captain Howie Pendlebury, the Valparaiso flash, who was runner-up in scoring last year with 101 points. Ambidextrous Jackie Byrne, hook shot artist, and leading scorer with 104 points will also be back, flanked by Ray "Goose" LaGodney, Bob Neuhaus, Harry Sieg, and Mike Carey. After scanning this impressive list of cagers, your scribe feels safe in predicting that the 1941-42 Tech-hawk basketball squad will not only win three-fourths of their games, but will also knock off Chicago university in the feature game of the year on December 6.

Fourteen Games Scheduled

Thus far, a schedule of fourteen games has been booked by Coach Remie Meyer and Manager Ed Collander, and Meyer is looking forward to booking at least two more games to fill in his schedule. The 1941-42 schedule will be printed in Technology News next week.

Novice Football Rule Slows Down Games

Last fall a group met in the east to make some radical changes in football rules. John Schommer was a member of that committee. This is the first season under these new regulations. All of these rules have proved to be beneficial except the one allowing unlimited substitution.

Good for Small Schools

"Uncle John" states that this rule was passed for the small college coaches who have limited squads. Under this ruling a coach



may substitute as many players as he wishes and as often in a quarter as he desires. The result has been football games twice as long as they used to be.

Games Too Long

"The public goes to football games to see a good fast sport in a relatively short time. But, when games take three hours there is less interest and people think the sport is slowing up," so says veteran umpire Schommer.

TIME OUT



By Warren Spitz

To say that our rantings and raging about a fieldhouse and proper athletic facilities are unimportant compared to other issues at Illinois Tech reminds one of the ostrich hiding his head in a sand-pile.

You can't maintain an educational system without providing ample space and equipment for the relaxation of those minds and bodies which crave a deviation from the tedious pounding away at books.

We advocate a fieldhouse fund. A special fund, disconnected from the general program of Illinois Tech expansion. Let it be started by small contributions backed by as much publicity as possible. We can hold dances and benefits, anything if the students are willing. The government, sports celebrities, your uncles, employers—all must be approached.

It has been done, and only recently. Our friendly sports rival, Wheaton college, last year obtained a new athletic fieldhouse, not through a large endowment, but by a campaign instigated and supported by the students. Several hundred thousand dollars were

Shooters Sharpening Sights For Shooting

Sweeping the country like wild-fire is the mounting fever of national defense. It has even crept into the obscure corners of the physics building basement. Here the lads of the Rifle club are sharpening up their eyes in preparation for the fateful day when the little notice will arrive from Uncle Sam and inform them that their day has come.

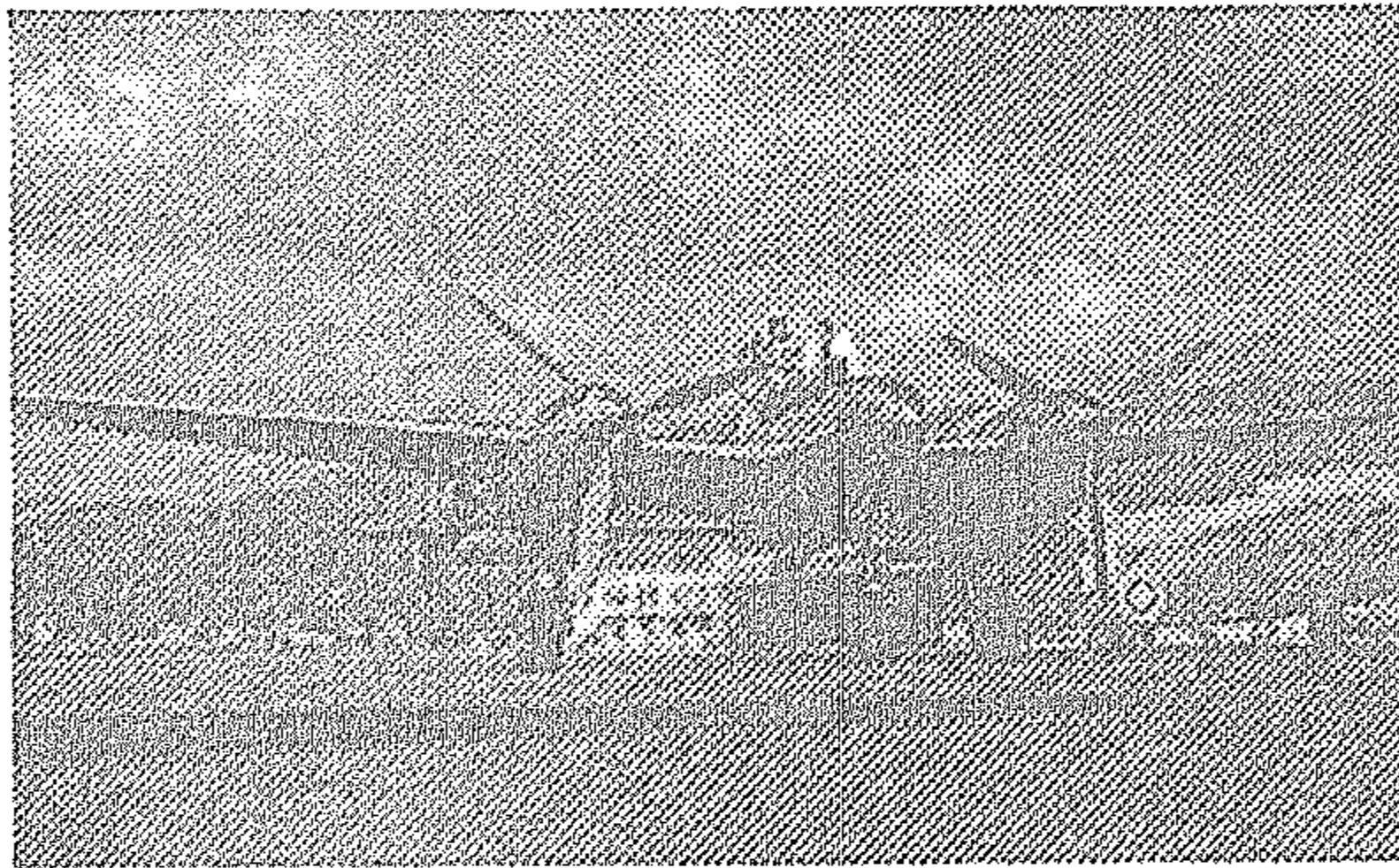
At a meeting held late last year the members of the Rifle club elected a new staff of officers to lead them through the 1941-42 season. These men are: president, Raymond Smith; secretary, Robert Cwiak; treasurer, Ted Dumetz; captain of the team, George Borre; range officer, Robert Bell; and executive officer, Roy Peterson.

raised because every faculty member, student, alumnus and friend of the school worked to collect even the most trivial sums, which in their sum total produced a field-house.

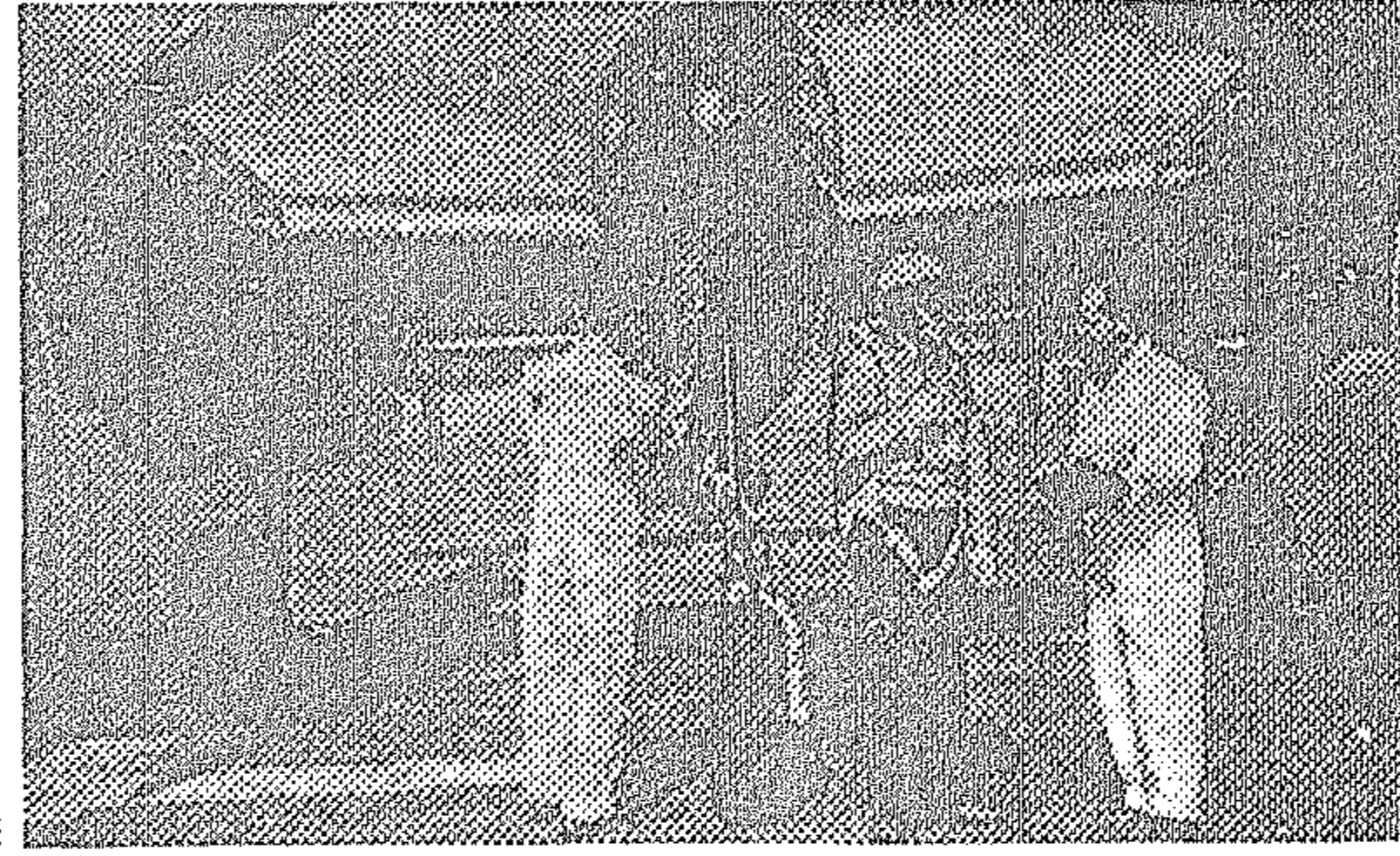
No, it can't be done in a day. It will take years, but if the enthusiasm is there it can be done. It has been done and it must be done if the officials, supporters and friends of the Illinois Institute of Technology want to find healthy as well as educated men and women coming out of our school.



SIX, SEVEN MILES UP! In air no man can breathe—and live! Motors—now even pilots are "super-charged." On the stationary bicycle (above) Marshall Headle, chief test pilot of Lockheed, breathes pure oxygen for 30 minutes before a test flight in Lockheed's new interceptor.



SHE CLIMBS A MILE A MINUTE. They call her "Lightning." Pilot Headle clambers into the cockpit, switches from a pocket oxygen flask to his cabin supply, and streaks for the stratosphere. He's test-flown 300 different planes. But when he lands, it's always... "Now for a Camel."



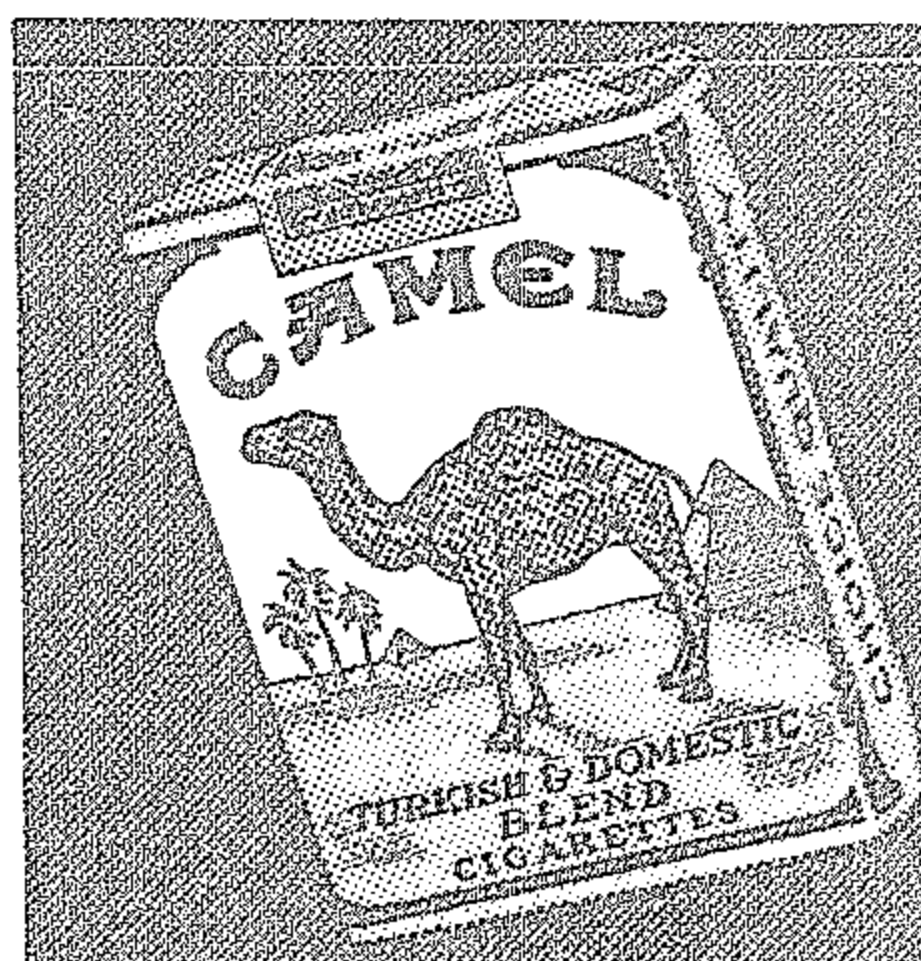
YOU CAN'T SEE HIM up there. You can scarcely hear the hum of his motors. Then his voice comes into the radio tower: "Headle—35,000 feet—diving now." And you just hope! Seconds later—yes, seconds—he's landing. And here he is (above) cool, calm, lighting up a Camel.

The smoke of slower-burning Camels contains

28% LESS NICOTINE

than the average of the 4 other largest-selling brands tested—less than any of them—according to independent scientific tests of the smoke itself

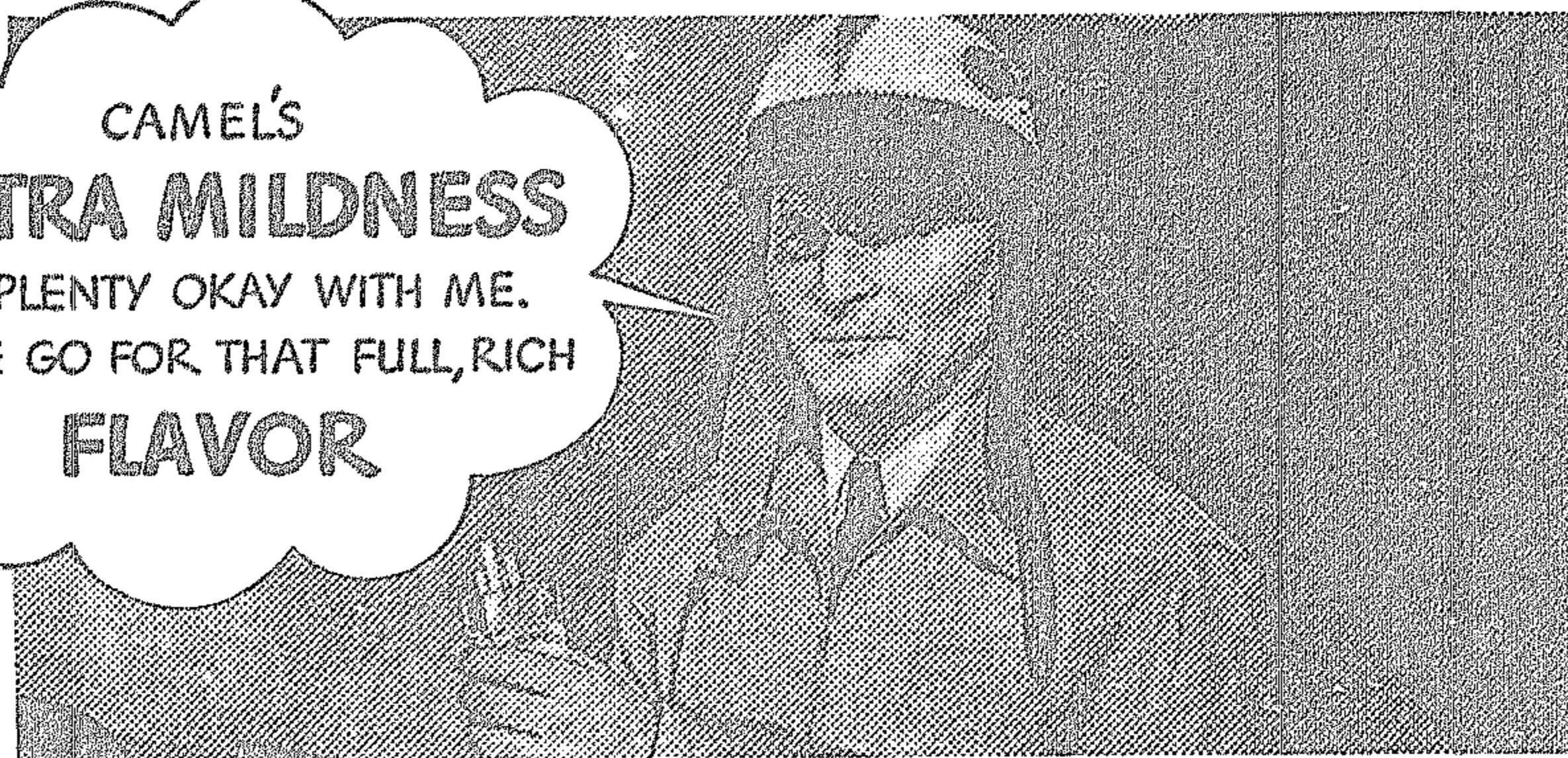
R. J. Reynolds Tobacco Company, Winston-Salem, N. C.



BY BURNING 25% SLOWER than the average of the 4 other largest-selling brands tested—slower than any of them—Camels also give you a smoking *plus* equal, on the average, to

5 EXTRA SMOKES PER PACK!

CAMEL'S
EXTRA MILDNESS
IS PLENTY OKAY WITH ME.
I SURE GO FOR THAT FULL, RICH
FLAVOR



"Less nicotine in the smoke means more mildness to me," says test pilot Marshall Headle (above), as he lights up his... and America's... favorite cigarette

THERE may be little traffic at 35,000 feet, but test-diving any new, untried plane is no Sunday joy-ride. No, not even for a veteran like Marshall Headle (above).

Naturally, cigarette mildness is important to Marshall Headle. And in the slower-burning cigarette of costlier tobaccos... Camels... he gets extra mildness—with less nicotine in the smoke.

What cigarette are you smoking now? Chances are it's one of the five included in the nicotine tests reported above at the left—tests which trace Camel's advantage right down to the actual smoke itself. Obviously, the *smoke's* the thing!

Try Camels. For convenience—economy—buy the carton.

CAMEL

THE CIGARETTE OF COSTLIER TOBACCOS